July 1, 2021

Sent via Email

Minnesota Pollution Control Agency
Remediation and Redevelopment Division
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Attention: Ms. Melissa Meeuwsen
Ph: 651-757-2188
Email: melissa.meeuwsen@state.mn.us

Regarding: Additional Vapor Intrusion Investigation Data Letter - State Fiscal Year 2021
Bober Pharmacy
1059 Grand Avenue
St. Paul, Minnesota 55105
MPCA Site ID: VP23410 (Work done under Closed Site Project – SA292)
Terracon Project No. 41187193B

Dear Ms. Meeuwsen:

Terracon Consultants, Inc. (Terracon) has completed additional vapor intrusion (VI) investigation activities at the above referenced Site in Fiscal Year 2021. The sampling and analysis were conducted in general accordance with Terracon's *Vapor Investigation Work Plan FY2021 – FINAL* dated September 3, 2021 and *Grand Avenue Vapor Investigation Work Plan FY2021* dated April 23, 2021. The sampling and analysis work were authorized by the Minnesota Pollution Control Agency (MPCA) under Work Orders 3000027293 and 3000028319. Enclosed please find figures, tables, laboratory analytical reports, and field sampling forms associated with the additional VI investigation activities.

Additional VI investigation activities were conducted to further evaluate and define the VI area of concern (AOC) based on the detection of tetrachloroethene (PCE) and trichloroethene (TCE) at concentrations greater than 33 times its applicable MPCA intrusion screening value (ISV) in soil-gas samples collected from semi-permanent soil-gas monitoring points 23410-SGMP-2 and 23410-SGMP-4 (2019) and at select subsequent soil-gas sampling locations (Figure 1, Table 1 through 8). A brief summary of the additional VI investigation activities that were completed at the Site in State Fiscal Year 2021 and recommendations are provided below.

1.0 BUILDING VI INVESTIGATION AT 25 OXFORD STREET (SINGLE FAMILY RESIDENTIAL)

VI investigation activities conducted at the 25 Oxford Street building included the collection of the second temporal non-heating season soil-gas samples from sub-slab monitoring points 25O-SS-1 through 25O-SS-3 on October 27, 2020. Laboratory analytical results of the sub-slab soil-gas samples are included on attached Table 5.

Laboratory analytical results of the sub-slab soil-gas samples indicate that various volatile organic compounds (VOCs) were detected in samples collected in both the February 2020 and October 2020 sampling events. However, these VOCs were not detected at concentrations greater than 33 times their respective MPCA residential ISVs, where applicable.

Terracon prepared and submitted a Property Summary Report documenting VI investigation activities completed at 25 Oxford Street separately dated January 12, 2021.

2.0 BUILDING VI INVESTIGATION AT 1058 SUMMIT AVENUE (SINGLE FAMILY RESIDENTIAL)

VI investigation activities conducted at the 1058 Summit Avenue building included the collection of the second temporal non-heating season soil-gas samples from sub-slab monitoring points 1058S-SS-1 through 1058S-SS-3 on October 26, 2020. Laboratory analytical results of the sub-slab soil-gas samples are included on attached Table 6.2.

Laboratory analytical results of the sub-slab soil-gas samples indicate that various VOCs were detected in samples collected in both the February 2020 and October 2020 sampling events. However, these VOCs were not detected at concentrations greater than 33 times their respective MPCA residential ISVs, where applicable.

A draft property summary report is enclosed summarizing the 1058 Summit Avenue property VI investigation activities.

3.0 BUILDING VI INVESTIGATION AT 1071 GRAND AVENUE (COMMERCIAL BANK)

VI investigation activities conducted at the 1071 Grand Avenue building included the collection of the second temporal non-heating season soil-gas samples from sub-slab monitoring points 1071G-SS-1 through 1071G-SS-5 on October 26, 2020. Laboratory analytical results of the sub-slab soil-gas samples are included on attached Table 8.

Laboratory analytical results of the sub-slab soil-gas samples indicate that various VOCs were detected in samples collected in both the February 2020 and October 2020 sampling events. However, these VOCs were not detected at concentrations greater than 33 times their respective MPCA commercial/industrial ISVs, where applicable. Note, TCE was detected in the October 2020 soil-gas sample collected from sub-slab monitoring point 1071G-SS-4 at a concentration of 78.2 micrograms per cubic meter of air (µg/m^3), greater than 33 times its MPCA residential ISV.

Terracon prepared and submitted a Property Summary Report documenting VI investigation activities completed at 1071 Grand Avenue under separate cover dated January 12, 2021.

4.0 SOIL-GAS PUSH-PROBE ASSESSMENT – GRAND AVENUE SOUTH OF THE SITE PROPERTY

Soil-gas push-probe VI investigation activities were conducted in Grand Avenue to further evaluate and define the VI AOC to the south of Site property in the direction of a mixed commercial/residential condo building (1060 Grand Avenue) and commercial buildings (1068 and 1074 Grand Avenue). A summary of the soil-gas push-probe VI investigation and laboratory analytical results are provided below:

- Terracon coordinated with the City of St. Paul Public Works Department to obtain a right-of-way permit and parking lane closure for Grand Avenue between Lexington Parkway and Oxford Street. No parking signs were placed by Terracon on June 12, 2021 approximately 48 hours prior to the parking lane closure requested on the signage.
- Terracon coordinated with Thein Well Company (Thein) to complete the soil-gas push-probe assessment activities. A public utility meet with public utility representatives was conducted on June 9, 2021. Discussions with public utility representatives identified an active natural gas main and an abandoned sewer were in the southern parking lane of Grand Avenue. In addition, information provided by the City of St Paul sewer representative indicated that numerous private sewer lateral connection permits were on file for the area that could not be marked. Terracon subsequently coordinated with the City of St Paul Sewer Design Department to obtain sanitary sewer main construction and lateral connection permit information to assist in private utility clearance activities.
- Four soil-gas push-probes (23410-SGP-1 to 23410-SGP-4) were advanced on June 15, 2021 (within the MPCA defined non-heating season). The soil-gas probes were advanced along the southern marking on the median turn lane of Grand Avenue due to the natural gas main within the southern parking lane. Professional traffic control was utilized to close the median turn lane through the assessment area for safety purposes. In additon, the pavement was core-drilled by Thein prior to advancement of the push-probes due to the approximately 1 feet of concrete present under the asphalt roadway surface. Finally, the targeted sampling intervals of the soil-gas push-probes was determined to be approximately 5.5 to 6 feet beneath ground surface (bgs) to prevent damage to potential

sanitary sewer structures anticipated to be present at a depth of approximately 8 feet bgs based on the utility construction information obtained from the City of St. Paul.

- The properties near soil-gas push-probes 23410-SGP-1 to 23410-SGP-4 consist of a combination of mixed commercial/residential and commercial properties. Therefore, the laboratory analytical results of the soil-gas samples were compared to their respective MPCA residential ISVs based on the residential use of select properties in the area. Laboratory analytical results of the soil-gas samples are included on attached Table 2 and are summarized below:
  - PCE was detected at concentrations of 597 µg/m^3, 1,670 µg/m^3, 2,940 µg/m^3, and 1,360 µg/m^3 in the soil-gas samples collected from push-probes 23410-SGP-1, 23410-SGP-2, 23410-SGP-3, and 23410-SGP-4, respectively. The reported PCE concentrations in each of the soil-gas samples were greater than 33 times its MPCA residential ISV, while the reported PCE concentrations for soil-gas samples 23410-SGP-2 through 23410-SGP-4 were greater than 33 times its MPCA expedited residential ISV.
  - TCE was detected at a concentration of 98.1 µg/m^3 in the soil-gas sample collected from push-probe 23410-SGP-4. The reported TCE concentration for soil-gas sample 23410-SGP-4 was greater than its MPCA residential ISV. TCE was not detected in the remaining push-probe soil-gas samples.
  - Various other VOCs were detected in the push-probe soil-gas samples. However, these VOCs were not detected at concentrations greater than 33 times their respective MPCA residential ISVs, where applicable.

5.0 SUMMARY

The cumulative VI investigation activities indicate that the PCE and TCE VI AOC is present at the Site indicative of a VI risk to residential and commercial receptors (attached Figures 1 through 3). The PCE and TCE VI AOC is currently defined to the north (soil-gas samples 23410-SGMP-2, 23410-SGMP-7, 23410-SGMP-8, 21O-SS-1, 21O-SS-2, and 25O-SS-1 through 25O-SS-3). However, the PCE and TCE VI AOC is not defined in the following locations:

- West of the 1071 Grand Avenue in the direction of the mixed commercial/residential property located at 1085 Grand Avenue based on the reported TCE concentration of soil-gas sample 1071G-SS-4 greater than 33 times its MPCA residential ISV.
- South of Grand Avenue in the direction of the mixed commercial/residential property located at 1060 Grand Avenue and commercial properties located at 1068 and 1074 Grand Avenue.
- East and northeast of semi-permanent soil-gas monitoring point 23410-SGMP-4 in the direction of the mixed commercial/residential property at 1033 Grand Avenue and the single-family residential property at 24 Oxford Street, respectively.

6.0 RECOMMENDATIONS

Terracon recommends that the following VI investigation activities be conducted to further evaluate and define the VI AOC associated with the Site:

- The property summary report for the 1058 Summit Avenue property should be finalized and provided to the property owner.
- Conduct building specific VI investigation activities at 24 Oxford Street, 1033 Grand Avenue, 1060 Grand Avenue, 1068 Grand Avenue, 1074 Grand Avenue, and 1085 Grand Avenue.

Terracon appreciates the opportunity to be of service on this project. If you have questions or require additional information, please call me at 651-894-6633 (justin.enwall@terracon.com).

Sincerely,
Terracon Consultants, Inc.

Prepared by:

Justin M. Enwall
Project Geologist

Reviewed by:

David J. Wolfgram, P.E.
Senior Principal

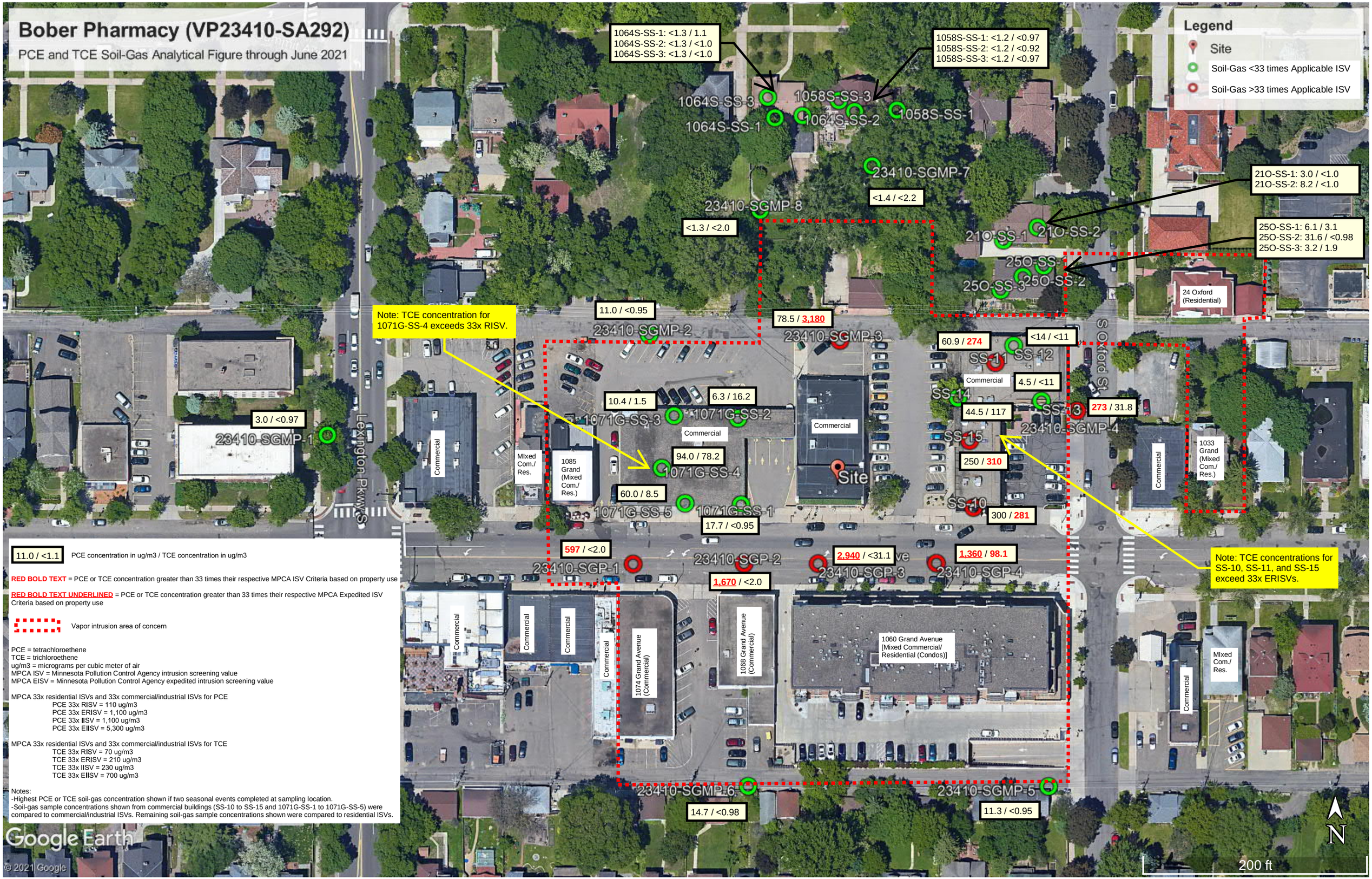
Enclosures

JME/DJW:jme N:\PROJECTS\2018\41187193B\WORKING FILES\DRAFTS (PROPOSAL-REPORTS-COMMUNICATIONS)\BOBER PHARMACY (VP23410) - REPORTING\2021.06 VI DATA TRANSMITTAL\2021.07.01 BOBER PHARMACY (VP23410-SA292) - VI DATA LTR FY21.DOCX

FIGURES

Bober Pharmacy (VP23410-SA292)

PCE and TCE Soil-Gas Analytical Figure through June 2021



11.0 / <1.1 PCE concentration in ug/m3 / TCE concentration in ug/m3

RED BOLD TEXT = PCE or TCE concentration greater than 33 times their respective MPCA ISV Criteria based on property use

RED BOLD TEXT UNDERLINED = PCE or TCE concentration greater than 33 times their respective MPCA Expedited ISV Criteria based on property use

Vapor intrusion area of concern

PCE = tetrachloroethene
TCE = trichloroethene
ug/m3 = micrograms per cubic meter of air
MPCA ISV = Minnesota Pollution Control Agency intrusion screening value
MPCA EISV = Minnesota Pollution Control Agency expedited intrusion screening value

MPCA 33x residential ISVs and 33x commercial/industrial ISVs for PCE
- PCE 33x RISV = 110 ug/m3
- PCE 33x ERISV = 1,100 ug/m3
- PCE 33x IISV = 1,100 ug/m3
- PCE 33x EIISV = 5,300 ug/m3

MPCA 33x residential ISVs and 33x commercial/industrial ISVs for TCE
- TCE 33x RISV = 70 ug/m3
- TCE 33x ERISV = 210 ug/m3
- TCE 33x IISV = 230 ug/m3
- TCE 33x EIISV = 700 ug/m3

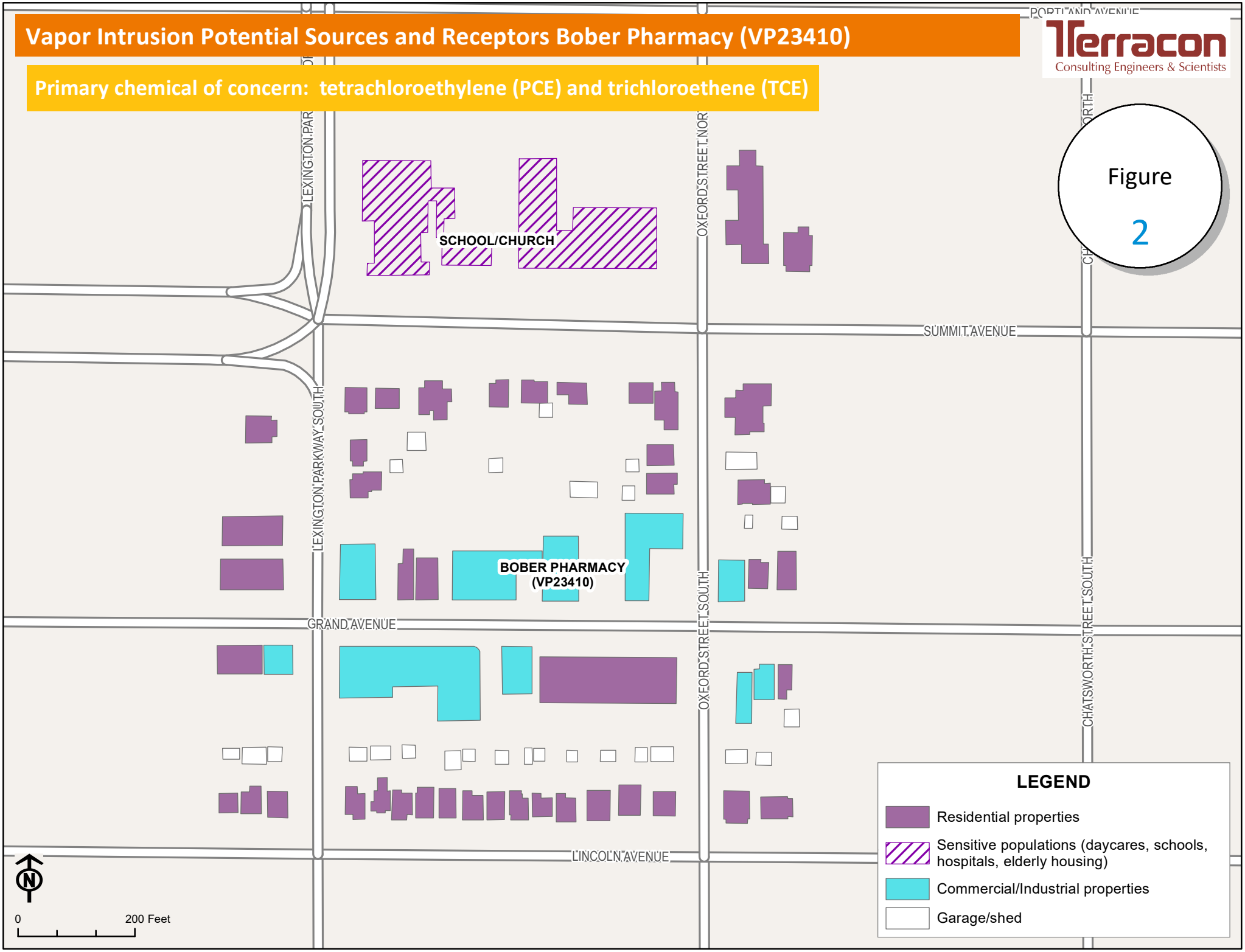
Notes:
-Highest PCE or TCE soil-gas concentration shown if two seasonal events completed at sampling location.
-Soil-gas sample concentrations shown from commercial buildings (SS-10 to SS-15 and 1071G-SS-1 to 1071G-SS-5) were compared to commercial/industrial ISVs. Remaining soil-gas sample concentrations shown were compared to residential ISVs.

Vapor Intrusion Potential Sources and Receptors Bober Pharmacy (VP23410)

Primary chemical of concern: tetrachloroethylene (PCE) and trichloroethene (TCE)

Terracon
Consulting Engineers & Scientists

Figure
2

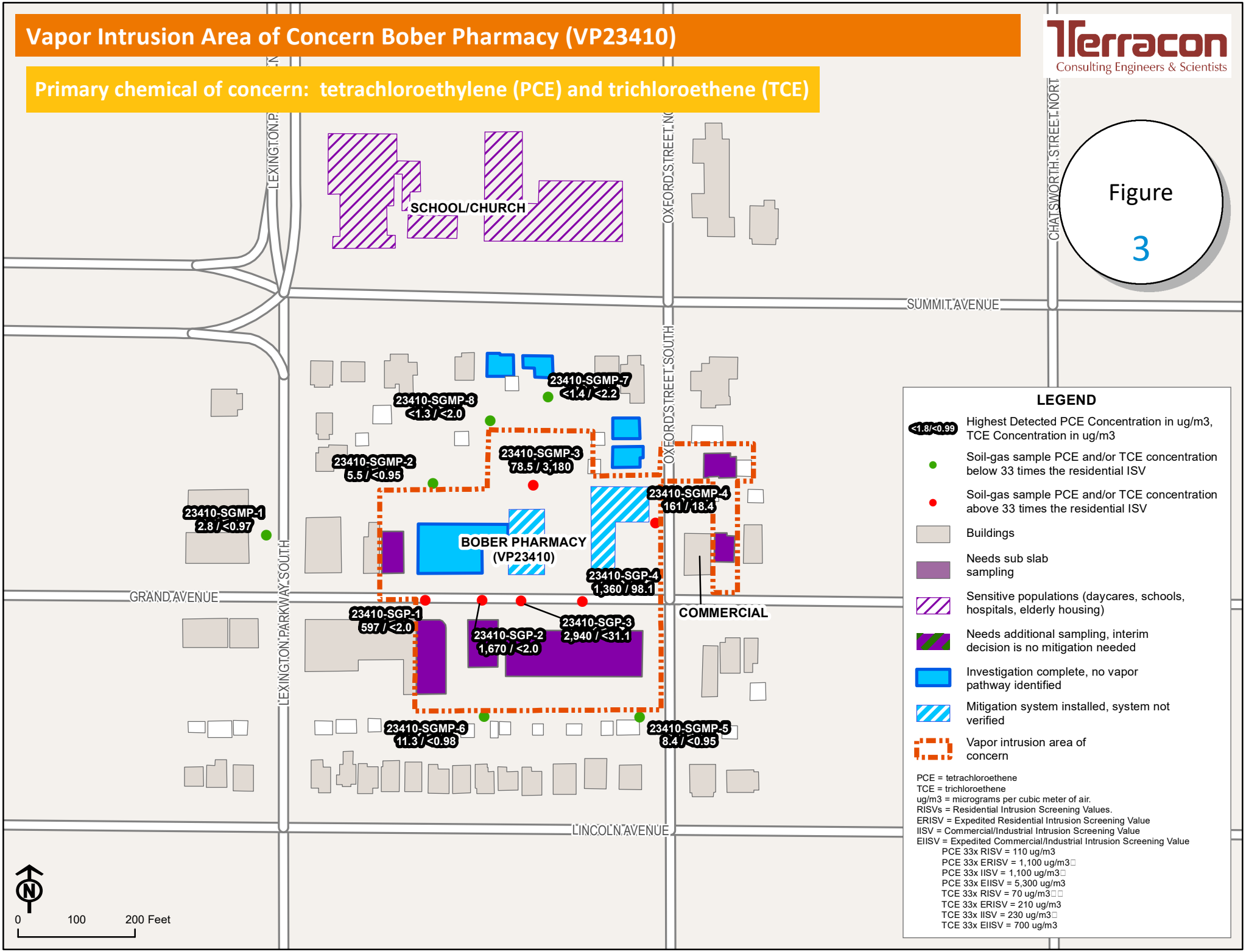


Vapor Intrusion Area of Concern Bober Pharmacy (VP23410)

Primary chemical of concern: tetrachloroethylene (PCE) and trichloroethene (TCE)

Terracon
Consulting Engineers & Scientists

Figure
3



LEGEND

- <1.8/<0.99 — Highest Detected PCE Concentration in ug/m3, TCE Concentration in ug/m3
- Soil-gas sample PCE and/or TCE concentration below 33 times the residential ISV
- Soil-gas sample PCE and/or TCE concentration above 33 times the residential ISV
- Buildings
- Needs sub slab sampling
- Sensitive populations (daycares, schools, hospitals, elderly housing)
- Needs additional sampling, interim decision is no mitigation needed
- Investigation complete, no vapor pathway identified
- Mitigation system installed, system not verified
- Vapor intrusion area of concern

PCE = tetrachloroethene
TCE = trichloroethene
ug/m3 = micrograms per cubic meter of air.
RISVs = Residential Intrusion Screening Values.
ERISV = Expedited Residential Intrusion Screening Value
IISV = Commercial/Industrial Intrusion Screening Value
EIISV = Expedited Commercial/Industrial Intrusion Screening Value
PCE 33x RISV = 110 ug/m3
PCE 33x ERISV = 1,100 ug/m3
PCE 33x IISV = 1,100 ug/m3
PCE 33x EIISV = 5,300 ug/m3
TCE 33x RISV = 70 ug/m3
TCE 33x ERISV = 210 ug/m3
TCE 33x IISV = 230 ug/m3
TCE 33x EIISV = 700 ug/m3

TABLES

TABLE 1
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SEMI-PERMANENT SOIL-GAS MONITORING POINTS) - 2019
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	23410-SGMP-1		23410-SGMP-2		23410-SGMP-3	23410-SGMP-4		23410-SGMP-5		23410-SGMP-6		INTRUSION SCREENING VALUE							
SAMPLE DATE	1/23/19	5/29/19	1/23/19	5/29/19	1/23/19	1/23/19	5/29/19	1/23/19	5/29/19	1/23/19	5/29/19								
SAMPLE DEPTH (FEET BGS)	7.5 -10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10								
PID (ppm)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0								
ISV SCREENING CRITERIA	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential								
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
1,1,1-Trichloroethane	<2.0	<1.7	**2.4**	**5.1**	<1.9	<1.9	<1.8	<1.9	<1.7	<2.0	<1.7								5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1,2,2-Tetrachloroethane	<1.2	<1.1	<1.2	<1.1	<1.2	<1.2	<1.1	<1.2	<1.1	<1.3	<1.1								NE	-	-	-	NE	-	-	-
1,1,2-Trichloroethane	<0.98	<0.86	<0.97	<0.86	<0.93	<0.97	<0.91	<0.97	<0.84	<1.0	<0.86								0.21	7.0	0.63	21	0.7	23.0	2.10	70
1,1,2-Trichlorotrifluoroethane	<2.8	<2.4	<2.7	<2.4	<2.6	<2.7	<2.6	<2.7	<2.4	<2.8	<2.4								5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1-Dichloroethane	<1.5	<1.3	<1.4	<1.3	<1.4	<1.4	<1.3	<1.4	<1.3	<1.5	<1.3								NE	-	-	-	NE	-	-	-
1,1-Dichloroethene	<1.4	<1.2	<1.4	<1.2	<1.4	<1.4	<1.3	<1.4	<1.2	<1.5	<1.2								210	7,000	630	21,000	700	23,000	2,100	70,000
1,2,4-Trichlorobenzene	<13.3	<11.7	<13.1	<11.7	<12.7	<13.1	<12.4	<13.1	<11.5	<13.6	<11.7								2.1	70	6.3	210	7	230	21.0	700
1,2,4-Trimethylbenzene	<1.8	<1.5	<1.7	<1.5	**1.8**	<1.7	<1.6	<1.7	<1.5	<1.8	<1.5								63	2,100	190	6,300	210	7,000	630	21,000
1,2-Dibromoethane (EDB)	<1.4	<1.2	<1.4	<1.2	<1.3	<1.4	<1.3	<1.4	<1.2	<1.4	<1.2								0.017	0.57	0.17	5.7	0.16	5.30	1.60	53.0
1,2-Dichlorobenzene	<2.2	<1.9	<2.1	<1.9	<2.0	<2.1	<2.0	<2.1	<1.9	<2.2	<1.9								NE	-	-	-	NE	-	-	-
1,2-Dichloroethane	<0.73	<0.64	<0.72	<0.64	<0.69	<0.72	<0.67	<0.72	<0.62	<0.74	<0.64								0.39	13	3.9	130	3.8	130	38.0	1,300
1,2-Dichloropropane	<1.7	<1.5	<1.6	<1.5	<1.6	<1.6	<1.5	<1.6	<1.4	<1.7	<1.5								2.7	90	13	430	14	470	42	1,400
1,3,5-Trimethylbenzene	<1.8	<1.5	<1.7	<1.5	<1.7	<1.7	<1.6	<1.7	<1.5	<1.8	<1.5								63	2,100	190	6,300	210	7,000	630	21,000
1,3-Butadiene	<0.80	<0.70	<0.78	<0.70	<0.76	<0.78	<0.74	<0.78	<0.68	<0.81	<0.70								0.28	9.3	2.8	93	2.7	90.0	21.0	700
1,3-Dichlorobenzene	<2.2	<1.9	<2.1	<1.9	<2.0	<2.1	<2.0	<2.1	<1.9	<2.2	<1.9								NE	-	-	-	NE	-	-	-
1,4-Dichlorobenzene	<5.4	<4.7	<5.3	<4.7	<5.1	<5.3	<5.0	<5.3	<4.7	<5.5	<4.7								63	2,100	190	6,300	210	7,000	630	21,000
2-Butanone (MEK)	<5.3	<4.6	<5.2	<4.6	<5.0	<5.2	<4.9	<5.2	<4.6	<5.4	<4.6								3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
2-Hexanone (Methyl butyl ketone)	<7.4	<6.4	<7.2	<6.4	<7.0	<7.2	<6.8	<7.2	<6.3	<7.5	<6.4								31	1,000	94	3,100	110	3,700	320	11,000
2-Propanol (Isopropyl alcohol)	<4.4	<3.9	<4.4	<3.9	<4.2	<4.4	**6.3**	<4.4	<3.8	<4.5	<3.9								210	7,000	630	21,000	700	23,000	2,100	70,000
4-Ethyltoluene	<4.4	<3.9	<4.4	<3.9	<4.2	<4.4	<4.1	<4.4	<3.8	<4.5	<3.9								NE	-	-	-	NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<7.4	<6.4	<7.2	<6.4	<7.0	<7.2	<6.8	<7.2	<6.3	<7.5	<6.4								3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Acetone	**6.2**	**3.8**	**10.8**	**4.4**	**13.6**	**11.1**	**9.8**	<4.2	<3.7	**6.1**	<3.7								32,000	1,100,000	97,000	3,200,000	110,000	3,700,000	330,000	11,000,000
Benzene	<0.58	<0.50	<0.57	<0.50	<0.55	<0.57	<0.53	<0.57	<0.49	<0.58	<0.50								1.3	43	9.4	310	11	370	32	1,100
Benzyl chloride	<4.7	<4.1	<4.6	<4.1	<4.4	<4.6	<4.3	<4.6	<4.0	<4.7	<4.1								0.21	7.0	2.1	70	2	67.0	11.0	370
Bromodichloromethane	<2.4	<2.1	<2.4	<2.1	<2.3	<2.4	<2.2	<2.4	<2.1	<2.4	<2.1								21	700	63	2,100	70	2,300	210	7,000
Bromoform	<9.3	<8.1	<9.1	<8.1	<8.8	<9.1	<8.6	<9.1	<8.0	<9.4	<8.1								NE	-	-	-	NE	-	-	-
Bromomethane	<1.4	<1.2	<1.4	<1.2	<1.3	<1.4	<1.3	<1.4	<1.2	<1.4	<1.2								4.2	140	13	430	14	470	42	1,400
Carbon disulfide	<1.1	<0.98	<1.1	<0.98	**1.8**	<1.1	<1.0	<1.1	<0.96	**1.2**	<0.98								830	28,000	2,500	83,000	2800	93,000	8,400	280,000
Carbon tetrachloride	<2.3	<2.0	<2.2	**4.1**	<2.2	<2.2	<2.1	<2.2	<1.9	<2.3	<2.0								1.7	57	17	570	16	530	160	5,300
Chlorobenzene	<1.7	<1.5	<1.6	<1.5	<1.6	<1.6	<1.5	<1.6	<1.4	<1.7	<1.5								52	1,700	160	5,300	180	6,000	530	18,000
Chloroethane	<0.95	<0.83	<0.93	<0.83	<0.90	<0.93	<0.88	<0.93	<0.81	<0.96	<0.83								4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Chloroform	**3.7**	**3.9**	<0.86	**0.92**	**7.7**	<0.86	<0.81	<0.86	<0.75	<0.89	<0.77								100	3,300	310	10,000	350	12,000	1,100	37,000
Chloromethane	<0.74	<0.65	<0.73	<0.65	<0.71	<0.73	<0.69	<0.73	<0.64	<0.76	<0.65								94	3,100	280	9,300	320	11,000	950	32,000
Cyclohexane	<3.1	<2.7	<3.0	<2.7	<2.9	<3.0	<2.9	<3.0	<2.7	<3.2	<2.7								6,300	210,000	19,000	630,000	21,000	700,000	63,000	2,100,000
Dibromochloromethane	<3.1	<2.7	<3.0	<2.7	<2.9	<3.0	<2.8	<3.0	<2.6	<3.1	<2.7								NE	-	-	-	NE	-	-	-
Dichlorodifluoromethane	**2.3**	**2.5**	**2.3**	**2.3**	**2.3**	**80.9**	**169**	**2.7**	**2.6**	**2.3**	**2.4**								NE	-	-	-	NE	-	-	-
Dichlorotetrafluoroethane	<2.5	<2.2	<2.5	<2.2	<2.4	<2.5	<2.3	<2.5	<2.2	<2.6	<2.2								NE	-	-	-	NE	-	-	-
Ethanol	**4.0**	<3.0	**8.0**	<3.0	**9.9**	**7.8**	**8.1**	<3.3	<2.9	<3.5	<3.0								NE	-	-	-	NE	-	-	-
Ethyl acetate	<1.3	<1.1	<1.3	<1.1	<1.2	<1.3	<1.2	<1.3	<1.1	<1.3	<1.1								73	2,400	220	7,300	250	8,300	740	25,000
Ethylbenzene	<1.6	<1.4	<1.5	<1.4	**1.5**	<1.5	<1.4	<1.5	<1.3	<1.6	<1.4								4.1	140	41	1,400	39.0	1,300	390	13,000
Hexachloro-1,3-butadiene	<9.6	<8.4	<9.4	<8.4	<9.1	<9.4	<8.9	<9.4	<8.2	<9.8	<8.4								NE	-	-	-	NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<6.5	<5.7	<6.4	<5.7	<6.1	<6.4	<6.0	<6.4	<5.6	<6.6	<5.7								39	1,300	390	13,000	380	13,000	3,800	130,000
Methylene Chloride (Dichloromethane)	**7.0**	<5.5	**29.1**	<5.5	**9.8**	**58.0**	<5.8	**6.5**	<5.4	**9.0**	<5.5								630	21,000	1,900	63,000	2100	70,000	6,300	210,000
Naphthalene	<4.7	<4.1	<4.6	<4.1	**4.9**	<4.6	<4.4	<4.6	<4.0	<4.8	<4.1								9.4	310	28	930	32	1,100	95	3,200
Propylene	<0.62	<0.54	**4.1**	<0.54	**0.77**	**1.3**	<0.57	<0.61	<0.53	<0.63	<0.54								3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Styrene	<1.5	<1.3	<1.5	<1.3	<1.5	<1.5	<1.4	<1.5	<1.3	<1.6	<1.3								940	31,000	2,800	93,000	3,200	110,000	9,500	320,000
Tetrachloroethene	**2.8**	**3.0**	**5.5**	**11.0**	**78.5**	**161**	**273**	**8.4**	**11.3**	**11.3**	**14.7**								3.4	110	34	1,100	33	1,100	160	5,300
Tetrahydrofuran	<1.1	**1.9**	<1.0	<0.93	<1.0	<1.0	<0.98	<1.0	<0.91	<1.1	<0.93								2,100	70,000	6,300	210,000	7,000	230,000	21,000	700,000
Toluene	**1.5**	**1.7**	**3.1**	**4.2**	**2.6**	**3.8**	**3.3**	<1.3	**3.5**	**2.2**	**4.2**								4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Trichloroethene	<0.97	<0.85	<0.95	<0.85	**3,180**	**18.4**	**31.8**	<0.95	<0.83	<0.98	<0.85								2.1	70	6.3	210	7.0	230	21.0	700
Trichlorofluoromethane	<2.0	<1.8	<2.0	<1.8	<1.9	<2.0	<1.9	<2.0	<1.7	<2.1	<1.8								1,000	33,000	3,100	100,000	3,500	120,000	11,000	370,000
Vinyl acetate	<1.3	<1.1	<1.2	<1.1	<1.2	<1.2	<1.2	<1.2	<1.1	<1.3	<1.1								210	7,000	630	21,000	700	23,000	2,100	70,000
Vinyl chloride	<0.46	<0.81	<0.45	<0.81	<0.44	<0.45	<0.85	<0.45	<0.79	<0.47	<0.81								1.7	57	17	570	22	730	220	7,300
cis-1,2-Dichloroethene	<1.4	<1.2	<1.4	<1.2	<1.4	<1.4	<1.3	<1.4	<1.2	<1.5	<1.2								NE	-	-	-	NE	-	-	-
cis-1,3-Dichloropropene	<1.6	<1.4	<1.6	<1.4	<1.6	<1.6	<1.5	<1.6	<1.4	<1.7	<1.4								2.5	83	25	830	25	830	210	7,000
m&p-Xylene	<3.1	<2.7	<3.1	<2.7	**3.5**	<3.1	<2.9	<3.1	<2.7	<3.2	<2.7								100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
n-Heptane	<1.5	<1.3	<1.4	<1.3	<1.4	<1.4	<1.4	<1.4	<1.3	<1.5	<1.3								420	14,000	1,300	43,000	1400	47,000	4,200	140,000

TABLE 1
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SEMI-PERMANENT SOIL-GAS MONITORING POINTS) - 2019
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	23410-SGMP-1		23410-SGMP-2		23410-SGMP-3	23410-SGMP-4		23410-SGMP-5		23410-SGMP-6		INTRUSION SCREENING VALUE							
SAMPLE DATE	1/23/19	5/29/19	1/23/19	5/29/19	1/23/19	1/23/19	5/29/19	1/23/19	5/29/19	1/23/19	5/29/19								
SAMPLE DEPTH (FEET BGS)	7.5 -10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10	7.5 - 10								
PID (ppm)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0								
ISV SCREENING CRITERIA	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential								
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
n-Hexane	<1.3		<1.1		**4.0**		<1.1		<1.2		**6.8**		<1.2		<1.2		<1.1		**1.4**		<1.1		730	24,000	2,200	73,000	2,500	83,000	7,400	250,000
o-Xylene	<1.6		<1.4		<1.5		<1.4		<1.5		<1.5		<1.4		<1.5		<1.3		<1.6		<1.4		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
trans-1,2-Dichloroethene	<1.4		<1.2		<1.4		<1.2		<1.4		<1.4		<1.3		<1.4		<1.2		<1.5		<1.2		21	700	63	2,100	70	2,300	210	7,000
trans-1,3-Dichloropropene	<1.6		<1.4		<1.6		<1.4		<1.6		<1.6		<1.5		<1.6		<1.4		<1.7		<1.4		2.5	83	25	830	25	830	210	7,000

Notes:

6/25/21

Analytical data reported in micrograms per cubic meter ($\mu g/m^3$).
Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).
Bold indicates parameter detected above its respective laboratory reporting limit

100 Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.
1,000 Heavy red border indicates parameter concentration exceeds 33 times the respective expedited action level criteria.

RL column includes laboratory reporting limits for the respective parameter.
Q column includes laboratory qualifier for specific parameter, if applicable.
PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).
"-" = Not analyzed or applicable.
ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (January 2021).
NE indicates action levels are not established for the respective parameter.
* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).
Soil-gas samples collected using laboratory batch certified canisters.

E = Analyte concentration exceeded the calibration range. The reported result is estimated.

TABLE 2
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SOIL-GAS PUSH-PROBES) - GRAND AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	23410-SGP-1		23410-SGP-2		23410-SGP-3		23410-SGP-4		**INTRUSION SCREENING VALUE**							
SAMPLE DATE	6/15/21		6/15/21		6/15/21		6/15/21									
SAMPLE DEPTH (FEET BGS)	5.5 - 6		5.5 - 6		5.5 - 6		5.5 - 6									
PID (ppm)	2.2		<1		<1		<1									
ISV SCREENING CRITERIA	Residential		Residential		Residential		Residential									
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
1,1,1-Trichloroethane	<2.0		<2.0		<63.3		<21.1		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1,2,2-Tetrachloroethane	<2.6		<2.6		<79.8		<26.6		NE	-	-	-	NE	-	-	-
1,1,2-Trichloroethane	<1.0		<1.0		<31.6		<10.5		0.21	7.0	0.63	21	0.7	23.0	2.10	70
1,1,2-Trichlorotrifluoroethane	**3.1**		<2.9		<88.9		<29.6		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1-Dichloroethane	<1.5		<1.5		<46.9		<15.6		NE	-	-	-	NE	-	-	-
1,1-Dichloroethene	<1.5		<1.5		<45.9		<15.3		210	7,000	630	21,000	700	23,000	2,100	70,000
1,2,4-Trichlorobenzene	<13.8		<13.8		<430		<143		2.1	70	6.3	210	7	230	21.0	700
1,2,4-Trimethylbenzene	**3.8**		**3.9**		<56.9		<19.0		63	2,100	190	6,300	210	7,000	630	21,000
1,2-Dibromoethane (EDB)	<1.4		<1.4		<44.5		<14.8		0.017	0.57	0.17	5.7	0.16	5.30	1.60	53.0
1,2-Dichlorobenzene	<5.6		<5.6		<174		<58.1		NE	-	-	-	NE	-	-	-
1,2-Dichloroethane	<1.5		<1.5		<46.9		<15.6		0.39	13	3.9	130	3.8	130	38.0	1,300
1,2-Dichloropropane	<1.7		<1.7		<53.5		<17.8		2.7	90	13	430	14	470	42	1,400
1,3,5-Trimethylbenzene	<1.8		<1.8		<56.9		<19.0		63	2,100	190	6,300	210	7,000	630	21,000
1,3-Butadiene	<0.82		<0.82		<25.6		<8.6		0.28	9.3	2.8	93	2.7	90.0	21.0	700
1,3-Dichlorobenzene	<5.6		<5.6		<174		<58.1		NE	-	-	-	NE	-	-	-
1,4-Dichlorobenzene	<5.6		<5.6		<174		<58.1		63	2,100	190	6,300	210	7,000	630	21,000
2-Butanone (MEK)	**46.6**		**64.0**		<171		<57.0		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
2-Hexanone (Methyl butyl ketone)	<7.6		<7.6		<237		<79.0		31	1,000	94	3,100	110	3,700	320	11,000
2-Propanol (Isopropyl alcohol)	**7.4**		**6.4**		<142		<47.5		210	7,000	630	21,000	700	23,000	2,100	70,000
4-Ethyltoluene	<4.6		<4.6		<142		<47.5		NE	-	-	-	NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<7.6		<7.6		<237		<79.0		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Acetone	**112**		**87.6**		<344		<115		32,000	1,100,000	97,000	3,200,000	110,000	3,700,000	330,000	11,000,000
Benzene	**7.7**		**5.4**		<18.5		**9.6**		1.3	43	9.4	310	11	370	32	1,100
Benzyl chloride	<4.8		<4.8		<150		<50.0		0.21	7.0	2.1	70	2	67.0	11.0	370
Bromodichloromethane	<2.5		<2.5		<77.5		<25.8		21	700	63	2,100	70	2,300	210	7,000
Bromoform	<9.6		<9.6		<299		<99.8		NE	-	-	-	NE	-	-	-
Bromomethane	<1.4		<1.4		<45.0		<15.0		4.2	140	13	430	14	470	42	1,400
Carbon disulfide	**1.8**		**19.2**		<36.1		<12.0		830	28,000	2,500	83,000	2800	93,000	8,400	280,000
Carbon tetrachloride	<2.3		<2.3		<73.0		<24.3		1.7	57	17	570	16	530	160	5,300
Chlorobenzene	<1.7		<1.7		<53.4		<17.8		52	1,700	160	5,300	180	6,000	530	18,000
Chloroethane	<0.98		<0.98		<30.6		<10.2		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Chloroform	**27.8**		**13.7**		<28.3		**19.1**		100	3,300	310	10,000	350	12,000	1,100	37,000
Chloromethane	<0.77		<0.77		<23.9		<8.0		94	3,100	280	9,300	320	11,000	950	32,000
Cyclohexane	**10.4**		**10.5**		<99.8		<33.2		6,300	210,000	19,000	630,000	21,000	700,000	63,000	2,100,000
Dibromochloromethane	<3.2		<3.2		<98.6		<32.9		NE	-	-	-	NE	-	-	-
Dichlorodifluoromethane	**4.2**		<1.8		<57.6		<19.2		NE	-	-	-	NE	-	-	-
Dichlorotetrafluoroethane	<2.6		<2.6		<80.9		<27.0		NE	-	-	-	NE	-	-	-
Ethanol	**12.3**		**8.3**		<109		<36.5		NE	-	-	-	NE	-	-	-
Ethyl acetate	<1.3		<1.3		<41.8		<13.9		73	2,400	220	7,300	250	8,300	740	25,000
Ethylbenzene	**2.8**		**2.1**		<50.3		<16.8		4.1	140	41	1,400	39.0	1,300	390	13,000
Hexachloro-1,3-butadiene	<9.9		<9.9		<309		<103		NE	-	-	-	NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<6.7		<6.7		<209		<69.5		39	1,300	390	13,000	380	13,000	3,800	130,000
Methylene Chloride (Dichloromethane)	<6.5		<6.5		<201		<67.1		630	21,000	1,900	63,000	2100	70,000	6,300	210,000
Naphthalene	**6.3**		**6.1**		<152		<50.5		9.4	310	28	930	32	1,100	95	3,200
Propylene	**119**	E	<1.6		**347**		**116**		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Styrene	**2.4**		**2.7**		<49.4		**22.6**		940	31,000	2,800	93,000	3,200	110,000	9,500	320,000
Tetrachloroethene	**597**		**1,670**		**2,940**		**1,360**		3.4	110	34	1,100	33	1,100	160	5,300
Tetrahydrofuran	**33.7**		**33.0**		**78.6**		**33.2**		2,100	70,000	6,300	210,000	7,000	230,000	21,000	700,000
Toluene	**12.7**		**10.5**		<43.7		**15.3**		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Trichloroethene	<2.0		<2.0		<31.1		**98.1**		2.1	70	6.3	210	7.0	230	21.0	700
Trichlorofluoromethane	**2.1**		**3.1**		<65.0		<21.7		1,000	33,000	3,100	100,000	3,500	120,000	11,000	370,000
Vinyl acetate	<1.3		<1.3		<40.8		<13.6		210	7,000	630	21,000	700	23,000	2,100	70,000
Vinyl chloride	<0.48		<0.48		<14.8		<4.9		1.7	57	17	570	22	730	220	7,300
cis-1,2-Dichloroethene	<1.5		<1.5		<45.9		<15.3		NE	-	-	-	NE	-	-	-
cis-1,3-Dichloropropene	<4.2		<4.2		<132		<43.9		2.5	83	25	830	25	830	210	7,000
m&p-Xylene	**5.0**		**4.0**		<101		<33.6		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
n-Heptane	<1.5		<1.5		<47.5		<15.8		420	14,000	1,300	43,000	1400	47,000	4,200	140,000
n-Hexane	**7.3**		<1.3		<40.8		<13.6		730	24,000	2,200	73,000	2,500	83,000	7,400	250,000
o-Xylene	**2.3**		**1.7**		<50.3		<16.8		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
trans-1,2-Dichloroethene	<1.5		<1.5		<45.9		<15.3		21	700	63	2,100	70	2,300	210	7,000
trans-1,3-Dichloropropene	<4.2		<4.2		<132		<43.9		2.5	83	25	830	25	830	210	7,000

Notes:

6/29/21

Analytical data reported in micrograms per cubic meter ($\mu g/m^3$).

Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).

Bold indicates parameter detected above its respective laboratory reporting limit

100 Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.

1,000 Heavy red border indicates parameter concentration exceeds 33 times the respective expedited action level criteria.

RL column includes laboratory reporting limits for the respective parameter.

Q column includes laboratory qualifier for specific parameter, if applicable.

PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).

"-" = Not analyzed or applicable.

ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (January 2021).

NE indicates action levels are not established for the respective parameter.

* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).

Soil-gas samples collected using laboratory individually certified canisters.

E = Analyte concentration exceeded the calibration range. The reported result is estimated.

TABLE 3
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 1043 GRAND AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	SS-10				SS-11				SS-12				SS-13				SS-14				SS-15				INTRUSION SCREENING VALUE							
SAMPLE DATE	10/29/19		12/13/19		10/29/19		12/13/19		10/29/19		-		10/29/19		12/13/19		10/29/19		12/13/19		10/29/19		-									
SAMPLE DEPTH (FEET BGS)	0.5		0.5		0.5		0.5		0.5		-		0.5		0.5		0.5		0.5		0.5		-									
PID (ppm)	-		<1		-		<1		-		-		-		<1		-		<1		-		-									
ISV SCREENING CRITERIA	Industrial		Industrial		Industrial		Industrial		Industrial		-		Industrial		Industrial		Industrial		Industrial		Industrial		-									
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
1,1,1-Trichloroethane	<11		<2.2		<11		<2.0		<11				<11		<2.0		<11		<2.1		<11				5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1,2,2-Tetrachloroethane	<14		<1.4		<14		<1.3		<14				<14		<1.3		<14		<1.3		<14				NE	-	-	-	NE	-	-	-
1,1,2-Trichloroethane	<11		<1.1		<11		<1.0		<11				<11		<1.0		<11		<1.0		<11				0.21	7.0	0.63	21	0.7	23.0	2.10	70
1,1,2-Trichlorotrifluoroethane	<15		<3.0		<15		<2.9		<15				<15		<2.8		<15		<2.9		<15				5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1-Dichloroethane	<8.1		<1.6		<8.1		<1.5		<8.1				<8.1		<1.5		<8.1		<1.5		<8.1				NE	-	-	-	NE	-	-	-
1,1-Dichloroethene	<7.9		<1.6		<7.9		<1.5		<7.9				<7.9		<1.5		<7.9		<1.5		<7.9				210	7,000	630	21,000	700	23,000	2,100	70,000
1,2,4-Trichlorobenzene	<37		<14.6		<37		<13.8		<37				<37		<13.6		<37		<14.1		<37				2.1	70	6.3	210	7	230	21.0	700
1,2,4-Trimethylbenzene	<9.8		<1.9		<9.8		<1.8		<9.8				<9.8		<1.8		<9.8		<1.9		<9.8				63	2,100	190	6,300	210	7,000	630	21,000
1,2-Dibromoethane (EDB)	<15		<1.5		<15		<1.4		<15				<15		<1.4		<15		<1.5		<15				0.017	0.57	0.17	5.7	0.16	5.30	1.60	53.0
1,2-Dichlorobenzene	<12		<2.4		<12		<2.2		<12				<12		<2.2		<12		<2.3		<12				NE	-	-	-	NE	-	-	-
1,2-Dichloroethane	<8.1		<0.80		<8.1		<0.75		<8.1				<8.1		<0.74		<8.1		<0.77		<8.1				0.39	13	3.9	130	3.8	130	38.0	1,300
1,2-Dichloropropane	<9.2		<1.8		<9.2		<1.7		<9.2				<9.2		<1.7		<9.2		<1.8		<9.2				2.7	90	13	430	14	470	42	1,400
1,3,5-Trimethylbenzene	<9.8		<1.9		<9.8		<1.8		<9.8				<9.8		<1.8		<9.8		<1.9		<9.8				63	2,100	190	6,300	210	7,000	630	21,000
1,3-Butadiene	<4.4		<0.87		<4.4		<0.82		<4.4				<4.4		<0.81		<4.4		<0.84		<4.4				0.28	9.3	2.8	93	2.7	90.0	21.0	700
1,3-Dichlorobenzene	**13**		<2.4		**12**		<2.2		**7.6**	J			**12**		<2.2		**19**		<2.3		**14**				NE	-	-	-	NE	-	-	-
1,4-Dichlorobenzene	<12		<5.9		<12		<5.6		<12				<12		<5.5		<12		<5.7		<12				63	2,100	190	6,300	210	7,000	630	21,000
2-Butanone (MEK)	<15		<5.8		**6.5**	J	<5.5		<15				<15		<5.4		**6.5**	J	**14.3**		<15				3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
2-Hexanone (Methyl butyl ketone)	<20		<8.1		<20		<7.6		<20				<20		<7.5		<20		<7.8		<20				31	1,000	94	3,100	110	3,700	320	11,000
2-Propanol (Isopropyl alcohol)	**90**	J	<4.8		**91**	J	<4.6		**91**	J			**100**	J	<4.5		**160**		<4.7		**110**	J			210	7,000	630	21,000	700	23,000	2,100	70,000
4-Ethyltoluene	<9.8		<4.8		<9.8		<4.6		<9.8				<9.8		<4.5		<9.8		<4.7		<9.8				NE	-	-	-	NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<20		<8.1		<20		<7.6		<20				<20		<7.5		<20		<7.8		<20				3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Acetone	<120		**11.8**		<120		**11.7**		<120				<120		**9.4**		<120		**26.0**		<120				32,000	1,100,000	97,000	3,200,000	110,000	3,700,000	330,000	11,000,000
Benzene	**2.8**	J	<0.63		**3.4**	J	<0.59		<6.4				<6.4		<0.58		<6.4		**0.65**		<6.4				1.3	43	9.4	310	11	370	32	1,100
Benzyl chloride	<10		<5.1		<10		<4.8		<10				<10		<4.7		<10		<4.9		<10				0.21	7.0	2.1	70	2	67.0	11.0	370
Bromodichloromethane	<13		<2.6		<13		<2.5		<13				<13		<2.4		<13		<2.5		<13				21	700	63	2,100	70	2,300	210	7,000
Bromoform	<21		<10.2		<21		<9.6		<21				<21		<9.4		<21		<9.8		<21				NE	-	-	-	NE	-	-	-
Bromomethane	<7.8		<1.5		<7.8		<1.4		<7.8				<7.8		<1.4		<7.8		<1.5		<7.8				4.2	140	13	430	14	470	42	1,400
Carbon disulfide	<16		<1.2		<16		<1.2		<16				**7.9**	J	<1.1		<16		<1.2		<16				830	28,000	2,500	83,000	2800	93,000	8,400	280,000
Carbon tetrachloride	<13		**3.2**		<13		**2.8**		<13				<13		<2.3		<13		<2.4		**2.6**	J			1.7	57	17	570	16	530	160	5,300
Chlorobenzene	<9.2		<1.8		<9.2		<1.7		<9.2				<9.2		<1.7		<9.2		<1.8		<9.2				52	1,700	160	5,300	180	6,000	530	18,000
Chloroethane	<13		<2.6		<13		<2.5		<13				<13		<2.4		<13		<2.5		<13				4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Chloroform	<9.8		**2.5**		**5.6**	J	**11.9**		<9.8				<9.8		<0.89		<9.8		<0.93		**7.4**	J			100	3,300	310	10,000	350	12,000	1,100	37,000
Chloromethane	<10		<0.81		<10		<0.77		<10				<10		<0.76		<10		<0.79		<10				94	3,100	280	9,300	320	11,000	950	32,000
Cyclohexane	<6.9		<3.4		<6.9		**4.8**		<6.9				<6.9		**3.6**		<6.9		**4.1**		<6.9				6,300	210,000	19,000	630,000	21,000	700,000	63,000	2,100,000
Dibromochloromethane	<17		<3.4		<17		<3.2		<17				<17		<3.1		<17		<3.2		<17				NE	-	-	-	NE	-	-	-
Dichlorodifluoromethane	<25		**5.7**		<25		**8.1**		**210**				**1,900**		**2,190**		<25		**4.3**		<25				NE	-	-	-	NE	-	-	-
Dichlorotetrafluoroethane	<14		<2.8		<14		<2.6		<14				<14		<2.6		<14		<2.7		<14				NE	-	-	-	NE	-	-	-
Ethanol	**97**		**8.0**		**110**		**7.6**		**130**				**110**		**3.6**		**140**		**13.6**		**130**				NE	-	-	-	NE	-	-	-
Ethyl acetate	<180		<1.4		<180		<1.3		<180				<180		<1.3		<180		<1.4		<180				73	2,400	220	7,300	250	8,300	740	25,000
Ethylbenzene	<8.7		<1.7		<8.7		<1.6		<8.7				<8.7		<1.6		<8.7		<1.7		<8.7				4.1	140	41	1,400	39.0	1,300	390	13,000
Hexachloro-1,3-butadiene	<21		<10.5		<21		<9.9		<21				<21		<9.8		<21		<10.1		<21				NE	-	-	-	NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<7.2		<7.1		<7.2		<6.7		<7.2				<7.2		<6.6		<7.2		<6.8		<7.2				39	1,300	390	13,000	380	13,000	3,800	130,000
Methylene Chloride (Dichloromethane)	<17		**23.5**		<17		**17.4**		<17				<17		**13.7**		<17		**57.5**		<17				630	21,000	1,900	63,000	2100	70,000	6,300	210,000
Naphthalene	<26		<5.2		<26		<4.9		<26				<26		<4.8		<26		<5.0		<26				9.4	310	28	930	32	1,100	95	3,200
Propylene	<86		<0.68		<86		<0.64		<86				<86		<0.63		<86		<0.65		<86				3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Styrene	<8.5		<1.7		<8.5		<1.6		<8.5				<8.5		<1.6		<8.5		<1.6		<8.5				940	31,000	2,800	93,000	3,200	110,000	9,500	320,000
Tetrachloroethene	**100**		**300**		**26**		**60.9**		<14				**4.2**	J	**4.5**		**14**		**44.5**		**250**				3.4	110	34	1,100	33	1,100	160	5,300
Tetrahydrofuran	<150		<1.2		<150		**3.3**		<150				<150		<1.1		<150		**4.4**		<150				2,100	70,000	6,300	210,000	7,000	230,000	21,000	700,000
Toluene	**4.9**	J	<1.5		**7.2**	J	<1.4		**4.0**	J			**3.4**	J	<1.4		**4.2**	J	**4.4**		**3.4**	J			4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000

Soil-gas sample not collected in December 2019 due to vapor pin construction issue.

Soil-gas sample not collected in December 2019 due to October 2019 TCE exceedance.

TABLE 3
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 1043 GRAND AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	SS-10		SS-11		SS-12		SS-13		SS-14		SS-15		**INTRUSION SCREENING VALUE**							
SAMPLE DATE	10/29/19	12/13/19	10/29/19	12/13/19	10/29/19	-	10/29/19	12/13/19	10/29/19	12/13/19	10/29/19	-								
SAMPLE DEPTH (FEET BGS)	0.5	0.5	0.5	0.5	0.5	-	0.5	0.5	0.5	0.5	0.5	-								
PID (ppm)	-	<1	-	<1	-	-	-	<1	-	<1	-	-								
ISV SCREENING CRITERIA	Industrial	Industrial	Industrial	Industrial	Industrial	-	Industrial	Industrial	Industrial	Industrial	Industrial	-								
COMPOUNDS	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Result ($\mu g/m^3$) Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
Trichloroethene	**120**	**281**	**100**	**274**	<11		<11	<0.98	**36**	**117**	**310**		2.1	70	6.3	210	7.0	230	21.0	700
Trichlorofluoromethane	<11	<2.2	<11	<2.1	<11		<11	<2.1	<11	<2.1	<11		1,000	33,000	3,100	100,000	3,500	120,000	11,000	370,000
Vinyl acetate	<180	<1.4	<180	<1.3	<180		<180	<1.3	<180	<1.3	<180		210	7,000	630	21,000	700	23,000	2,100	70,000
Vinyl chloride	<5.1	<0.50	<5.1	<0.48	<5.1		<5.1	<0.47	<5.1	<0.49	<5.1		1.7	57	17	570	22	730	220	7,300
cis-1,2-Dichloroethene	<7.9	<1.6	<7.9	<1.5	<7.9		<7.9	<1.5	<7.9	<1.5	<7.9		NE	-	-	-	NE	-	-	-
cis-1,3-Dichloropropene	<9.1	<1.8	<9.1	<1.7	<9.1		<9.1	<1.7	<9.1	<1.7	<9.1		2.5	83	25	830	25	830	210	7,000
m&p-Xylene	<22	<3.4	<22	<3.2	<22		<22	<3.2	<22	<3.3	<22		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
n-Heptane	<8.2	<1.6	<8.2	<1.5	<8.2		<8.2	<1.5	<8.2	**1.8**	<8.2		420	14,000	1,300	43,000	1400	47,000	4,200	140,000
n-Hexane	<7.0	**2.5**	<7.0	**1.6**	<7.0		<7.0	<1.3	<7.0	**5.9**	<7.0		730	24,000	2,200	73,000	2,500	83,000	7,400	250,000
o-Xylene	<8.7	<1.7	<8.7	<1.6	<8.7		<8.7	<1.6	<8.7	<1.7	<8.7		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
trans-1,2-Dichloroethene	<7.9	<1.6	<7.9	<1.5	<7.9		<7.9	<1.5	<7.9	<1.5	<7.9		21	700	63	2,100	70	2,300	210	7,000
trans-1,3-Dichloropropene	<9.1	<1.8	<9.1	<1.7	<9.1		<9.1	<1.7	<9.1	<1.7	<9.1		2.5	83	25	830	25	830	210	7,000

Notes:

6/25/21

October 29, 2019 soil-gas laboratory analytical data taken from Wenck Associates, Inc. *Oxford Square* table provided by MPCA in email dated November 12, 2019.
Analytical data reported in micrograms per cubic meter ($\mu g/m^3$).
Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).
Bold indicates parameter detected above its respective laboratory reporting limit

100	Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.
1,000	Heavy red border indicates parameter concentration exceeds 33 times the respective expedited action level criteria.

RL column includes laboratory reporting limits for the respective parameter.
Q column includes laboratory qualifier for specific parameter, if applicable.
PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).
"-" = Not analyzed or applicable.
ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (January 2021).
NE indicates action levels are not established for the respective parameter.
* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).
December 13, 2019 soil-gas samples collected using laboratory individually certified canisters.

J = Estimated concentration above the method detection limit and below the reporting limit.

TABLE 4
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 21 OXFORD STREET
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	21O-SS-1		21O-SS-1		21O-SS-2		21O-SS-2		**INTRUSION SCREENING VALUE**							
SAMPLE DATE	6/12/19		1/24/20		6/12/19		1/24/20									
SAMPLE DEPTH (FEET BGS)	0.5		0.5		0.5		0.5									
PID (ppm)	<1		<1		<1		<1									
ISV SCREENING CRITERIA	Residential		Residential		Residential		Residential									
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
1,1,1-Trichloroethane	<1.7		<2.1		<1.7		<2.1		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1,2,2-Tetrachloroethane	<1.1		<1.3		<1.1		<1.3		NE	-	-	-	NE	-	-	-
1,1,2-Trichloroethane	<0.86		<1.0		<0.86		<1.0		0.21	7.0	0.63	21	0.7	23.0	2.10	70
1,1,2-Trichlorotrifluoroethane	<2.4		<2.9		<2.4		<2.9		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1-Dichloroethane	<1.3		<1.5		<1.3		<1.5		NE	-	-	-	NE	-	-	-
1,1-Dichloroethene	<1.2		<1.5		<1.2		<1.5		210	7,000	630	21,000	700	23,000	2,100	70,000
1,2,4-Trichlorobenzene	<11.7		<14.1		<11.7		<14.1		2.1	70	6.3	210	7	230	21.0	700
1,2,4-Trimethylbenzene	**5.6**		**5.5**		**1.6**		**3.3**		63	2,100	190	6,300	210	7,000	630	21,000
1,2-Dibromoethane (EDB)	<2.4		<1.5		<2.4		<1.5		0.017	0.57	0.17	5.7	0.16	5.30	1.60	53.0
1,2-Dichlorobenzene	<1.9		<2.3		<1.9		<2.3		NE	-	-	-	NE	-	-	-
1,2-Dichloroethane	<0.64		<0.77		<0.64		<0.77		0.39	13	3.9	130	3.8	130	38.0	1,300
1,2-Dichloropropane	<1.5		<1.8		<1.5		<1.8		2.7	90	13	430	14	470	42	1,400
1,3,5-Trimethylbenzene	**2.1**		<1.9		<1.5		<1.9		63	2,100	190	6,300	210	7,000	630	21,000
1,3-Butadiene	<0.70		<0.84		<0.70		<0.84		0.28	9.3	2.8	93	2.7	90.0	21.0	700
1,3-Dichlorobenzene	<1.9		<2.3		<1.9		<2.3		NE	-	-	-	NE	-	-	-
1,4-Dichlorobenzene	<4.7		<5.7		<4.7		<5.7		63	2,100	190	6,300	210	7,000	630	21,000
2-Butanone (MEK)	<4.6		<5.6		<4.6		<5.6		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
2-Hexanone (Methyl butyl ketone)	<6.4		<7.8		<6.4		<7.8		31	1,000	94	3,100	110	3,700	320	11,000
2-Propanol (Isopropyl alcohol)	<3.9		<4.7		<3.9		**8.3**		210	7,000	630	21,000	700	23,000	2,100	70,000
4-Ethyltoluene	<3.9		<4.7		<3.9		<4.7		NE	-	-	-	NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<6.4		<7.8		<6.4		<7.8		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Acetone	**9.2**		**16.7**		**8.5**		**86.6**		32,000	1,100,000	97,000	3,200,000	110,000	3,700,000	330,000	11,000,000
Benzene	<0.50		<0.61		<0.50		<0.61		1.3	43	9.4	310	11	370	32	1,100
Benzyl chloride	<4.1		<4.9		<4.1		<4.9		0.21	7.0	2.1	70	2	67.0	11.0	370
Bromodichloromethane	<2.1		<2.5		<2.1		<2.5		21	700	63	2,100	70	2,300	210	7,000
Bromoform	<8.1		**13.4**		<8.1		**16.9**		NE	-	-	-	NE	-	-	-
Bromomethane	<1.2		<1.5		<1.2		<1.5		4.2	140	13	430	14	470	42	1,400
Carbon disulfide	<0.98		**3.2**		<0.98		<1.2		830	28,000	2,500	83,000	2800	93,000	8,400	280,000
Carbon tetrachloride	**2.0**		<2.4		<2.0		<2.4		1.7	57	17	570	16	530	160	5,300
Chlorobenzene	<1.5		**21.6**		<1.5		**2.8**		52	1,700	160	5,300	180	6,000	530	18,000
Chloroethane	<0.83		<1.0		<0.83		<1.0		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Chloroform	<0.77		<0.93		**1.0**		<0.93		100	3,300	310	10,000	350	12,000	1,100	37,000
Chloromethane	<0.65		<0.79		<0.65		<0.79		94	3,100	280	9,300	320	11,000	950	32,000
Cyclohexane	**3.0**		<3.3		<2.7		<3.3		6,300	210,000	19,000	630,000	21,000	700,000	63,000	2,100,000
Dibromochloromethane	<6.7		<3.2		<6.7		<3.2		NE	-	-	-	NE	-	-	-
Dichlorodifluoromethane	**2.9**		**2.1**		**3.3**		**2.3**		NE	-	-	-	NE	-	-	-
Dichlorotetrafluoroethane	<2.2		<2.7		<2.2		<2.7		NE	-	-	-	NE	-	-	-
Ethanol	**23.3**		**40.9**		**23.8**		**210**		NE	-	-	-	NE	-	-	-
Ethyl acetate	<1.1		<1.4		<1.1		<1.4		73	2,400	220	7,300	250	8,300	740	25,000
Ethylbenzene	**2.6**		<1.7		<1.4		<1.7		4.1	140	41	1,400	39.0	1,300	390	13,000
Hexachloro-1,3-butadiene	<8.4		<10.1		<8.4		<10.1		NE	-	-	-	NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<5.7		<6.8		<5.7		<6.8		39	1,300	390	13,000	380	13,000	3,800	130,000
Methylene Chloride (Dichloromethane)	<5.5		<6.6		<5.5		<6.6		630	21,000	1,900	63,000	2100	70,000	6,300	210,000
Naphthalene	<4.1		**5.3**		<4.1		**6.6**		9.4	310	28	930	32	1,100	95	3,200
Propylene	<0.54		<0.65		<0.54		**0.74**		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Styrene	**1.8**		<1.6		<1.3		<1.6		940	31,000	2,800	93,000	3,200	110,000	9,500	320,000
Tetrachloroethene	**3.0**		**2.9**		**8.2**		**6.0**		3.4	110	34	1,100	33	1,100	160	5,300
Tetrahydrofuran	**2.6**		**17.5**		**1.2**		**17.9**		2,100	70,000	6,300	210,000	7,000	230,000	21,000	700,000
Toluene	**12.4**		**4.0**		**4.5**		**2.8**		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Trichloroethene	<0.85		<1.0		<0.85		<1.0		2.1	70	6.3	210	7.0	230	21.0	700
Trichlorofluoromethane	**1.9**		<2.1		<1.8		<2.1		1,000	33,000	3,100	100,000	3,500	120,000	11,000	370,000
Vinyl acetate	<1.1		<1.3		<1.1	SS	<1.3		210	7,000	630	21,000	700	23,000	2,100	70,000
Vinyl chloride	<0.40		<0.49		<0.40		<0.49		1.7	57	17	570	22	730	220	7,300
cis-1,2-Dichloroethene	<1.2		<1.5		<1.2		<1.5		NE	-	-	-	NE	-	-	-
cis-1,3-Dichloropropene	<1.4		<1.7		<1.4		<1.7		2.5	83	25	830	25	830	210	7,000
m&p-Xylene	**9.9**		**4.0**		**3.1**		<3.3		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
n-Heptane	<1.3		<1.6		<1.3		<1.6		420	14,000	1,300	43,000	1400	47,000	4,200	140,000
n-Hexane	<1.1		**2.3**		<1.1		<1.3		730	24,000	2,200	73,000	2,500	83,000	7,400	250,000
o-Xylene	**4.1**		**2.4**		**1.7**		<1.7		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
trans-1,2-Dichloroethene	<1.2		<1.5		<1.2		<1.5		21	700	63	2,100	70	2,300	210	7,000
trans-1,3-Dichloropropene	<1.4		<1.7		<1.4		<1.7		2.5	83	25	830	25	830	210	7,000

Notes:

6/25/21

Analytical data reported in micrograms per cubic meter ($\mu g/m^3$).

Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).

Bold indicates parameter detected above its respective laboratory reporting limit

Building condition observations as part of vapor intrusion building survey did not identify a completed vapor intrusion pathway. Therefore, the 33 times attenuation factor is considered valid.

100 Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.

1,000 Heavy red border indicates parameter concentration exceeds 33 times the respective expedited action level criteria.

RL column includes laboratory reporting limits for the respective parameter.

Q column includes laboratory qualifier for specific parameter, if applicable.

PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).

"-" = Not analyzed or applicable.

ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (January 2021).

NE indicates action levels are not established for the respective parameter.

* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).

Soil-gas samples collected using laboratory individually certified canisters.

SS = This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

TABLE 5
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 25 OXFORD STREET
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	25O-SS-1		25O-SS-1		25O-SS-2		25O-SS-2		25O-SS-3		25O-SS-3		INTRUSION SCREENING VALUE							
SAMPLE DATE	2/7/20		10/27/20		2/7/20		10/27/20		2/7/20		10/27/20									
SAMPLE DEPTH (FEET BGS)	0.5		0.5		0.5		0.5		0.5		0.5									
PID (ppm)	<1		<1		<1		<1		<1		<1									
ISV SCREENING CRITERIA	Residential		Residential		Residential		Residential		Residential		Residential									
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
1,1,1-Trichloroethane	<2.1		<2.0		<2.0		<1.9		<2.0		<1.9		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1,2,2-Tetrachloroethane	<1.3		<1.2		<1.3		<1.2		<1.3		<1.2		NE	-	-	-	NE	-	-	-
1,1,2-Trichloroethane	<1.0		<0.98		<1.0		<0.93		<1.0		<0.93		0.21	7.0	0.63	21	0.7	23.0	2.10	70
1,1,2-Trichlorotrifluoroethane	<2.9		<2.8		<2.8		<2.6		<2.8		<2.6		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1-Dichloroethane	<1.5		<1.5		<1.5		<1.4		<1.5		<1.4		NE	-	-	-	NE	-	-	-
1,1-Dichloroethene	<1.5		<1.4		<1.5		<1.4		<1.5		<1.4		210	7,000	630	21,000	700	23,000	2,100	70,000
1,2,4-Trichlorobenzene	<14.1		<13.3		<13.6		<12.7		<13.6		<12.7		2.1	70	6.3	210	7	230	21.0	700
1,2,4-Trimethylbenzene	<1.9		**92.8**		<1.8		<1.7		<1.8		<1.7		63	2,100	190	6,300	210	7,000	630	21,000
1,2-Dibromoethane (EDB)	<1.5		<1.4		**<1.4**		<1.3		<1.4		<1.3		0.017	0.57	0.17	5.7	0.16	5.30	1.60	53.0
1,2-Dichlorobenzene	<2.3		<2.2		<2.2		<2.0		<2.2		<2.0		NE	-	-	-	NE	-	-	-
1,2-Dichloroethane	<0.77		<0.73		<0.74		<0.69		<0.74		<0.69		0.39	13	3.9	130	3.8	130	38.0	1,300
1,2-Dichloropropane	<1.8		<1.7		<1.7		<1.6		<1.7		<1.6		2.7	90	13	430	14	470	42	1,400
1,3,5-Trimethylbenzene	<1.9		**33.5**		<1.8		<1.7		<1.8		<1.7		63	2,100	190	6,300	210	7,000	630	21,000
1,3-Butadiene	<0.84		<0.80		<0.81		<0.76		<0.81		<0.76		0.28	9.3	2.8	93	2.7	90.0	21.0	700
1,3-Dichlorobenzene	<2.3		<2.2		<2.2		<2.0		<2.2		<2.0		NE	-	-	-	NE	-	-	-
1,4-Dichlorobenzene	<5.7		<5.4		<5.5		<5.1		<5.5		<5.1		63	2,100	190	6,300	210	7,000	630	21,000
2-Butanone (MEK)	<5.6		**23.4**		<5.4		**249**		<5.4		**8.1**		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
2-Hexanone (Methyl butyl ketone)	<7.8		<7.4		<7.5		<7.0		<7.5		<7.0		31	1,000	94	3,100	110	3,700	320	11,000
2-Propanol (Isopropyl alcohol)	<4.7		<4.4		<4.5		<4.2		<4.5		**10.3**		210	7,000	630	21,000	700	23,000	2,100	70,000
4-Ethyltoluene	<4.7		**14.5**		<4.5		<4.2		<4.5		<4.2		NE	-	-	-	NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<7.8		<7.4		<7.5		<7.0		<7.5		<7.0		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Acetone	**16.3**		**26.3**		**11.4**		**13.6**		**18.7**		**18.8**		32,000	1,100,000	97,000	3,200,000	110,000	3,700,000	330,000	11,000,000
Benzene	<0.61		**0.97**		<0.58		<0.55		<0.58		<0.55		1.3	43	9.4	310	11	370	32	1,100
Benzyl chloride	<4.9		<4.7		<4.7		<4.4		<4.7		<4.4		0.21	7.0	2.1	70	2	67.0	11.0	370
Bromodichloromethane	<2.5		<2.4		<2.4		<2.3		<2.4		<2.3		21	700	63	2,100	70	2,300	210	7,000
Bromoform	<9.8		<9.3		<9.4		<8.8		<9.4		<8.8		NE	-	-	-	NE	-	-	-
Bromomethane	<1.5		<1.4		<1.4		**2.9**		<1.4		<1.3		4.2	140	13	430	14	470	42	1,400
Carbon disulfide	<1.2		<1.1		<1.1		<1.1		<1.1		**1.5**		830	28,000	2,500	83,000	2800	93,000	8,400	280,000
Carbon tetrachloride	<2.4		<2.3		<2.3		<2.2		<2.3		<2.2		1.7	57	17	570	16	530	160	5,300
Chlorobenzene	<1.8		<1.7		<1.7		<1.6		<1.7		<1.6		52	1,700	160	5,300	180	6,000	530	18,000
Chloroethane	<1.0		<0.95		<0.96		<0.90		<0.96		<0.90		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Chloroform	<0.93		**24.3**		**0.93**		<0.83		<0.89		<0.83		100	3,300	310	10,000	350	12,000	1,100	37,000
Chloromethane	<0.79		**1.9**		<0.76		<0.71		<0.76		<0.71		94	3,100	280	9,300	320	11,000	950	32,000
Cyclohexane	<3.3		**4.8**		<3.2		<2.9		<3.2		**3.0**		6,300	210,000	19,000	630,000	21,000	700,000	63,000	2,100,000
Dibromochloromethane	<3.2		<3.1		<3.1		<2.9		<3.1		<2.9		NE	-	-	-	NE	-	-	-
Dichlorodifluoromethane	**2.5**		**2.2**		**3.8**		**2.4**		**2.8**		**2.5**		NE	-	-	-	NE	-	-	-
Dichlorotetrafluoroethane	<2.7		<2.5		<2.6		<2.4		<2.6		<2.4		NE	-	-	-	NE	-	-	-
Ethanol	**67.8**		**19.2**		**40.4**		**17.7**		**62.3**		**29.9**		NE	-	-	-	NE	-	-	-
Ethyl acetate	<1.4		<1.3		<1.3		<1.2		<1.3		<1.2		73	2,400	220	7,300	250	8,300	740	25,000
Ethylbenzene	<1.7		**11.3**		<1.6		<1.5		<1.6		<1.5		4.1	140	41	1,400	39.0	1,300	390	13,000
Hexachloro-1,3-butadiene	<10.1		<9.6		<9.8		<9.1		<9.8		<9.1		NE	-	-	-	NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<6.8		<6.5		<6.6		<6.1		<6.6		<6.1		39	1,300	390	13,000	380	13,000	3,800	130,000
Methylene Chloride (Dichloromethane)	**8.3**		**21.2**		<6.4		**17.9**		**7.0**		**19.9**		630	21,000	1,900	63,000	2100	70,000	6,300	210,000
Naphthalene	<5.0		<4.7		<4.8		<4.5		<4.8		<4.5		9.4	310	28	930	32	1,100	95	3,200
Propylene	<0.65		**2.1**		<0.63		**1.3**		<0.63		<0.59		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Styrene	<1.6		**1.7**		<1.6		<1.5		<1.6		<1.5		940	31,000	2,800	93,000	3,200	110,000	9,500	320,000
Tetrachloroethene	**4.8**		**6.1**		**31.6**		**25.2**		**3.2**		**1.5**		3.4	110	34	1,100	33	1,100	160	5,300

TABLE 5
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 25 OXFORD STREET
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	25O-SS-1		25O-SS-1		25O-SS-2		25O-SS-2		25O-SS-3		25O-SS-3		INTRUSION SCREENING VALUE							
SAMPLE DATE	2/7/20		10/27/20		2/7/20		10/27/20		2/7/20		10/27/20									
SAMPLE DEPTH (FEET BGS)	0.5		0.5		0.5		0.5		0.5		0.5									
PID (ppm)	<1		<1		<1		<1		<1		<1									
ISV SCREENING CRITERIA	Residential		Residential		Residential		Residential		Residential		Residential									
COMPOUNDS	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Res. ISV (µg/m^3)	33 times Res. ISV (µg/m^3)	Expedited Res. ISV (µg/m^3)	33 times Expedited Res. ISV (µg/m^3)	Indust. ISV (µg/m^3)	33 times Indust. ISV (µg/m^3)	Expedited Indust. ISV (µg/m^3)	33 times Expedited Indust. ISV (µg/m^3)
Tetrahydrofuran	**7.1**		**3.2**		**4.3**		**2.4**		**4.5**		**2.8**		2,100	70,000	6,300	210,000	7,000	230,000	21,000	700,000
Toluene	**1.4**		**4.7**		**4.2**		<1.3		**5.6**		**1.6**		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Trichloroethene	<1.0		**3.1**		<0.98		<0.92		<0.98		**1.9**		2.1	70	6.3	210	7.0	230	21.0	700
Trichlorofluoromethane	<2.1		<2.0		<2.1		<1.9		<2.1		<1.9		1,000	33,000	3,100	100,000	3,500	120,000	11,000	370,000
Vinyl acetate	<1.3		<1.3		<1.3		<1.2		<1.3		<1.2		210	7,000	630	21,000	700	23,000	2,100	70,000
Vinyl chloride	<0.49		<0.46		<0.47		<0.44		<0.47		<0.44		1.7	57	17	570	22	730	220	7,300
cis-1,2-Dichloroethene	<1.5		<1.4		<1.5		<1.4		<1.5		<1.4		NE	-	-	-	NE	-	-	-
cis-1,3-Dichloropropene	<1.7		<1.6		<1.7		<1.6		<1.7		<1.6		2.5	83	25	830	25	830	210	7,000
m&p-Xylene	<3.3		**34.2**		<3.2		<3.0		<3.2		<3.0		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
n-Heptane	<1.6		**3.9**		<1.5		<1.4		<1.5		<1.4		420	14,000	1,300	43,000	1400	47,000	4,200	140,000
n-Hexane	<1.3		**3.1**		<1.3		<1.2		<1.3		**1.2**		730	24,000	2,200	73,000	2,500	83,000	7,400	250,000
o-Xylene	<1.7		**15.6**		<1.6		<1.5		<1.6		<1.5		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
trans-1,2-Dichloroethene	<1.5		<1.4		<1.5		<1.4		<1.5		<1.4		21	700	63	2,100	70	2,300	210	7,000
trans-1,3-Dichloropropene	<1.7		<1.6		<1.7		<1.6		<1.7		<1.6		2.5	83	25	830	25	830	210	7,000

Notes:

6/25/21

Analytical data reported in micrograms per cubic meter (µg/m^3).

Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).

Bold indicates parameter detected above its respective laboratory reporting limit

Building condition observations as part of vapor intrusion building survey did not identify a completed vapor intrusion pathway. Therefore, the 33 times attenuation factor is considered valid.

100 Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.

1,000 Heavy red border indicates parameter concentration exceeds 33 times the respective expedited action level criteria.

RL column includes laboratory reporting limits for the respective parameter.

Q column includes laboratory qualifier for specific parameter, if applicable.

PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).

"-" = Not analyzed or applicable.

ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (January 2021).

NE indicates action levels are not established for the respective parameter.

* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).

Soil-gas samples collected using laboratory individually certified canisters.

TABLE 6.1
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SOIL-GAS PUSH-PROBES) - 1058 SUMMIT AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	23410-SGMP-7		23410-SGMP-7		**INTRUSION SCREENING VALUE**							
SAMPLE DATE	3/31/20		6/11/20									
SAMPLE DEPTH (FEET BGS)	7.0 - 7.5		7.0 - 7.5									
PID (ppm)	<1.0		<1.0									
ISV SCREENING CRITERIA	Residential		Residential									
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
1,1,1-Trichloroethane	<2.2		<1.7		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1,2,2-Tetrachloroethane	<1.4		<1.1		NE	-	-	-	NE	-	-	-
1,1,2-Trichloroethane	<2.2		<0.86		0.21	7.0	0.63	21	0.7	23.0	2.10	70
1,1,2-Trichlorotrifluoroethane	<3.2		<2.4		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1-Dichloroethane	<1.7		<1.3		NE	-	-	-	NE	-	-	-
1,1-Dichloroethene	<1.6		<1.2		210	7,000	630	21,000	700	23,000	2,100	70,000
1,2,4-Trichlorobenzene	<15.2		<11.7		2.1	70	6.3	210	7	230	21.0	700
1,2,4-Trimethylbenzene	<2.0		<1.5		63	2,100	190	6,300	210	7,000	630	21,000
1,2-Dibromoethane (EDB)	<1.6		<1.2		0.017	0.57	0.17	5.7	0.16	5.30	1.60	53.0
1,2-Dichlorobenzene	<2.5		<1.9		NE	-	-	-	NE	-	-	-
1,2-Dichloroethane	<0.83		<0.64		0.39	13	3.9	130	3.8	130	38.0	1,300
1,2-Dichloropropane	<1.9		<1.5		2.7	90	13	430	14	470	42	1,400
1,3,5-Trimethylbenzene	<2.0		<1.5		63	2,100	190	6,300	210	7,000	630	21,000
1,3-Butadiene	<0.91		<0.70		0.28	9.3	2.8	93	2.7	90.0	21.0	700
1,3-Dichlorobenzene	<2.5		<1.9		NE	-	-	-	NE	-	-	-
1,4-Dichlorobenzene	<6.2		<4.7		63	2,100	190	6,300	210	7,000	630	21,000
2-Butanone (MEK)	**250**	E	**32.8**		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
2-Hexanone (Methyl butyl ketone)	<8.4		<6.4		31	1,000	94	3,100	110	3,700	320	11,000
2-Propanol (Isopropyl alcohol)	**30.5**		**5.3**		210	7,000	630	21,000	700	23,000	2,100	70,000
4-Ethyltoluene	<5.0		<3.9		NE	-	-	-	NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<8.4		<6.4		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Acetone	**266**		**141**		32,000	1,100,000	97,000	3,200,000	110,000	3,700,000	330,000	11,000,000
Benzene	**2.9**		**7.1**		1.3	43	9.4	310	11	370	32	1,100
Benzyl chloride	<5.3		<4.1		0.21	7.0	2.1	70	2	67.0	11.0	370
Bromodichloromethane	<2.7		<2.1		21	700	63	2,100	70	2,300	210	7,000
Bromoform	<10.6		<8.1		NE	-	-	-	NE	-	-	-
Bromomethane	<1.6		<1.2		4.2	140	13	430	14	470	42	1,400
Carbon disulfide	**16.4**		**3.1**		830	28,000	2,500	83,000	2800	93,000	8,400	280,000
Carbon tetrachloride	<2.6		<2.0		1.7	57	17	570	16	530	160	5,300
Chlorobenzene	<1.9		<1.5		52	1,700	160	5,300	180	6,000	530	18,000
Chloroethane	<1.1		<0.83		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Chloroform	<1.0		<0.77		100	3,300	310	10,000	350	12,000	1,100	37,000
Chloromethane	<0.85		**1.2**		94	3,100	280	9,300	320	11,000	950	32,000
Cyclohexane	**3.7**		<2.7		6,300	210,000	19,000	630,000	21,000	700,000	63,000	2,100,000
Dibromochloromethane	<3.5		<2.7		NE	-	-	-	NE	-	-	-
Dichlorodifluoromethane	**3.3**		**2.2**		NE	-	-	-	NE	-	-	-
Dichlorotetrafluoroethane	<2.9		<2.2		NE	-	-	-	NE	-	-	-
Ethanol	**872**		**5.4**		NE	-	-	-	NE	-	-	-
Ethyl acetate	<1.5		<1.1		73	2,400	220	7,300	250	8,300	740	25,000
Ethylbenzene	<1.8		<1.4		4.1	140	41	1,400	39.0	1,300	390	13,000
Hexachloro-1,3-butadiene	<10.9		<8.4		NE	-	-	-	NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<7.4		<5.7		39	1,300	390	13,000	380	13,000	3,800	130,000
Methylene Chloride (Dichloromethane)	<7.1		<5.5		630	21,000	1,900	63,000	2100	70,000	6,300	210,000
Naphthalene	<5.4		<4.1		9.4	310	28	930	32	1,100	95	3,200
Propylene	**11.7**		**44.3**		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Styrene	<1.7		<1.3		940	31,000	2,800	93,000	3,200	110,000	9,500	320,000
Tetrachloroethene	<1.4		<1.1		3.4	110	34	1,100	33	1,100	160	5,300
Tetrahydrofuran	**1,010**		**0.96**		2,100	70,000	6,300	210,000	7,000	230,000	21,000	700,000
Toluene	**2.3**		**5.2**		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Trichloroethene	<2.2		<0.85		2.1	70	6.3	210	7.0	230	21.0	700
Trichlorofluoromethane	<2.3		<1.8		1,000	33,000	3,100	100,000	3,500	120,000	11,000	370,000
Vinyl acetate	<1.4		<1.1		210	7,000	630	21,000	700	23,000	2,100	70,000
Vinyl chloride	<0.53		<0.40		1.7	57	17	570	22	730	220	7,300
cis-1,2-Dichloroethene	<1.6		<1.2		NE	-	-	-	NE	-	-	-
cis-1,3-Dichloropropene	<1.9		<1.4		2.5	83	25	830	25	830	210	7,000
m&p-Xylene	<3.6		<2.7		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
n-Heptane	<1.7		**3.2**		420	14,000	1,300	43,000	1400	47,000	4,200	140,000
n-Hexane	**3.9**		**8.8**		730	24,000	2,200	73,000	2,500	83,000	7,400	250,000
o-Xylene	<1.8		<1.4		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
trans-1,2-Dichloroethene	<1.6		<1.2		21	700	63	2,100	70	2,300	210	7,000
trans-1,3-Dichloropropene	<1.9		<1.4		2.5	83	25	830	25	830	210	7,000

Notes:

6/25/21

Analytical data reported in micrograms per cubic meter ($\mu g/m^3$).

Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).

Bold indicates parameter detected above its respective laboratory reporting limit

100	Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.
1,000	Heavy red border indicates parameter concentration exceeds 33 times the respective expedited action level criteria.

RL column includes laboratory reporting limits for the respective parameter.

Q column includes laboratory qualifier for specific parameter, if applicable.

PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).

"-" = Not analyzed or applicable.

ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (January 2021).

NE indicates action levels are not established for the respective parameter.

* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).

Soil-gas samples collected using laboratory batch certified canisters.

E = Analyte concentration exceeded the calibration range. The reported result is estimated.

TABLE 6.2
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 1058 SUMMIT AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	1058S-SS-1				1058S-SS-2				1058S-SS-3				INTRUSION SCREENING VALUE							
SAMPLE DATE	2/21/20		10/26/20		2/21/20		10/26/20		2/21/20		10/26/20									
SAMPLE DEPTH (FEET BGS)	0.5		0.5		0.5		0.5		0.5		0.5									
PID (ppm)	<1		<1		<1		<1		<1		<1									
ISV SCREENING CRITERIA	Residential		Residential		Residential		Residential		Residential		Residential									
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
1,1,1-Trichloroethane	<2.0		<1.9		<1.9		<1.9		<1.9		<2.0		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1,2,2-Tetrachloroethane	<1.2		<1.9		<1.2		<1.9		<1.2		<2.0		NE	-	-	-	NE	-	-	-
1,1,2-Trichloroethane	<0.98		<1.2		<0.93		<1.2		<0.97		<1.2		0.21	7.0	0.63	21	0.7	23.0	2.10	70
1,1,2-Trichlorotrifluoroethane	<2.8		<0.95		<2.6		<0.93		<2.7		<0.98		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1-Dichloroethane	<1.5		<2.7		<1.4		<2.6		<1.4		<2.8		NE	-	-	-	NE	-	-	-
1,1-Dichloroethene	<1.4		<1.4		<1.4		<1.4		<1.4		<1.5		210	7,000	630	21,000	700	23,000	2,100	70,000
1,2,4-Trichlorobenzene	<13.3		<1.4		<12.7		<1.4		<13.1		<1.4		2.1	70	6.3	210	7	230	21.0	700
1,2,4-Trimethylbenzene	<1.8		<12.9		<1.7		<12.7		<1.7		<13.3		63	2,100	190	6,300	210	7,000	630	21,000
1,2-Dibromoethane (EDB)	<1.4		<1.7		<1.3		**4.2**		<1.4		<1.8		0.017	0.57	0.17	5.7	0.16	5.30	1.60	53.0
1,2-Dichlorobenzene	<2.2		<1.3		<2.0		<1.3		<2.1		<1.4		NE	-	-	-	NE	-	-	-
1,2-Dichloroethane	<0.73		<2.1		<0.69		<2.0		<0.72		<2.2		0.39	13	3.9	130	3.8	130	38.0	1,300
1,2-Dichloropropane	<1.7		<0.70		<1.6		<0.69		<1.6		<0.73		2.7	90	13	430	14	470	42	1,400
1,3,5-Trimethylbenzene	<1.8		<1.6		<1.7		<1.6		<1.7		<1.7		63	2,100	190	6,300	210	7,000	630	21,000
1,3-Butadiene	<0.80		<1.7		<0.76		**4.6**		<0.78		<1.8		0.28	9.3	2.8	93	2.7	90.0	21.0	700
1,3-Dichlorobenzene	<2.2		<0.77		<2.0		<0.76		<2.1		<0.80		NE	-	-	-	NE	-	-	-
1,4-Dichlorobenzene	<5.4		<2.1		<5.1		**3.5**		<5.3		<2.2		63	2,100	190	6,300	210	7,000	630	21,000
2-Butanone (MEK)	<5.3		<5.2		<5.0		<5.1		**39.1**		<5.4		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
2-Hexanone (Methyl butyl ketone)	<7.4		<5.1		<7.0		<5.0		<7.2		<5.3		31	1,000	94	3,100	110	3,700	320	11,000
2-Propanol (Isopropyl alcohol)	**6.0**		<7.1		<4.2		<7.0		**10.8**		<7.4		210	7,000	630	21,000	700	23,000	2,100	70,000
4-Ethyltoluene	<4.4		<4.3		<4.2		**12.9**		<4.4		<4.4		NE	-	-	-	NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<7.4		<4.3		<7.0		<4.2		<7.2		<4.4		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Acetone	**26.6**		<7.1		**15.4**		<7.0		**222**		<7.4		32,000	1,100,000	97,000	3,200,000	110,000	3,700,000	330,000	11,000,000
Benzene	**0.82**		**10.4**		<0.55		**11.4**		<0.57		<10.7		1.3	43	9.4	310	11	370	32	1,100
Benzyl chloride	<4.7		<0.56		<4.4		<0.55		<4.6		<0.58		0.21	7.0	2.1	70	2	67.0	11.0	370
Bromodichloromethane	<2.4		<4.5		<2.3		<4.4		<2.4		<4.7		21	700	63	2,100	70	2,300	210	7,000
Bromoform	<9.3		<2.3		<8.8		<2.3		<9.1		<2.4		NE	-	-	-	NE	-	-	-
Bromomethane	<1.4		<9.0		<1.3		<8.8		<1.4		<9.3		4.2	140	13	430	14	470	42	1,400
Carbon disulfide	<1.1		<1.3		<1.1		<1.3		<1.1		<1.4		830	28,000	2,500	83,000	2800	93,000	8,400	280,000
Carbon tetrachloride	<2.3		<1.1		<2.2		1.8		<2.2		<1.1		1.7	57	17	570	16	530	160	5,300
Chlorobenzene	<1.7		<2.2		<1.6		<2.2		<1.6		<2.3		52	1,700	160	5,300	180	6,000	530	18,000
Chloroethane	<0.95		<1.6		<0.90		<1.6		<0.93		<1.7		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Chloroform	<0.88		<0.92		<0.83		<0.90		<0.86		<0.95		100	3,300	310	10,000	350	12,000	1,100	37,000
Chloromethane	<0.74		<0.85		<0.71		<0.83		<0.73		**3.4**		94	3,100	280	9,300	320	11,000	950	32,000
Cyclohexane	<3.1		<0.72		<2.9		<0.71		<3.0		<0.74		6,300	210,000	19,000	630,000	21,000	700,000	63,000	2,100,000
Dibromochloromethane	<3.1		<3.0		<2.9		<2.9		<3.0		<3.1		NE	-	-	-	NE	-	-	-
Dichlorodifluoromethane	**2.7**		**2.7**		**2.6**		**2.4**		**2.4**		**2.9**		NE	-	-	-	NE	-	-	-
Dichlorotetrafluoroethane	<2.5		<2.4		<2.4		<2.4		<2.5		<2.5		NE	-	-	-	NE	-	-	-
Ethanol	**137**		**3.3**		**95.8**		**8.6**		**61.0**		<3.4		NE	-	-	-	NE	-	-	-
Ethyl acetate	<1.3		<1.3		<1.2		<1.2		**3.2**		<1.3		73	2,400	220	7,300	250	8,300	740	25,000
Ethylbenzene	<1.6		<1.5		<1.5		<1.5		<1.5		<1.6		4.1	140	41	1,400	39.0	1,300	390	13,000
Hexachloro-1,3-butadiene	<9.6		<9.3		<9.1		<9.1		<9.4		<9.6		NE	-	-	-	NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<6.5		<6.3		<6.1		<6.1		<6.4		<6.5		39	1,300	390	13,000	380	13,000	3,800	130,000
Methylene Chloride (Dichloromethane)	<15.6		<6.0		<14.8		<5.9		<15.4		<6.2		630	21,000	1,900	63,000	2100	70,000	6,300	210,000
Naphthalene	<4.7		<4.5		<4.5		<4.5		<4.6		<4.7		9.4	310	28	930	32	1,100	95	3,200
Propylene	<0.62		<0.60		<0.59		<0.59		<0.61		<0.62		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Styrene	<1.5		<1.5		<1.5		<1.5		<1.5		<1.5		940	31,000	2,800	93,000	3,200	110,000	9,500	320,000
Tetrachloroethene	<1.2		<1.2		<1.2		<1.2		<1.2		<1.2		3.4	110	34	1,100	33	1,100	160	5,300

TABLE 6.2
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 1058 SUMMIT AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	1058S-SS-1				1058S-SS-2				1058S-SS-3				**INTRUSION SCREENING VALUE**							
SAMPLE DATE	2/21/20		10/26/20		2/21/20		10/26/20		2/21/20		10/26/20									
SAMPLE DEPTH (FEET BGS)	0.5		0.5		0.5		0.5		0.5		0.5									
PID (ppm)	<1		<1		<1		<1		<1		<1									
ISV SCREENING CRITERIA	Residential		Residential		Residential		Residential		Residential		Residential									
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
Tetrahydrofuran	**2.6**		**1.8**		**2.9**		**3.2**		**10.9**		**2.4**		2,100	70,000	6,300	210,000	7,000	230,000	21,000	700,000
Toluene	<1.4		**3.3**		<1.3		<1.3		**1.4**		<1.4		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Trichloroethene	<0.97		<0.93		<0.92		<0.92		<0.95		<0.97		2.1	70	6.3	210	7.0	230	21.0	700
Trichlorofluoromethane	<2.0		<1.9		<1.9		<1.9		<2.0		<2.0		1,000	33,000	3,100	100,000	3,500	120,000	11,000	370,000
Vinyl acetate	<1.3		<1.2		<1.2		<1.2		<1.2		<1.3		210	7,000	630	21,000	700	23,000	2,100	70,000
Vinyl chloride	<0.46		<0.44		<0.44		<0.44		<0.45		<0.46		1.7	57	17	570	22	730	220	7,300
cis-1,2-Dichloroethene	<1.4		<1.4		<1.4		<1.4		<1.4		<1.4		NE	-	-	-	NE	-	-	-
cis-1,3-Dichloropropene	<1.6		<1.6		<1.6		<1.6		<1.6		<1.6		2.5	83	25	830	25	830	210	7,000
m&p-Xylene	<3.1		<3.0		<3.0		**8.2**		<3.1		<3.1		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
n-Heptane	<1.5		<1.4		<1.4		<1.4		<1.4		<1.5		420	14,000	1,300	43,000	1400	47,000	4,200	140,000
n-Hexane	<1.3		<1.2		<1.2		<1.2		**2.5**		<1.3		730	24,000	2,200	73,000	2,500	83,000	7,400	250,000
o-Xylene	<1.6		<1.5		<1.5		**4.3**		<1.5		<1.6		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
trans-1,2-Dichloroethene	<1.4		<1.4		<1.4		<1.4		<1.4		<1.4		21	700	63	2,100	70	2,300	210	7,000
trans-1,3-Dichloropropene	<1.6		<1.6		<1.6		<1.6		<1.6		<1.6		2.5	83	25	830	25	830	210	7,000

Notes:

6/25/21

Analytical data reported in micrograms per cubic meter ($\mu g/m^3$).
Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).
Bold indicates parameter detected above its respective laboratory reporting limit
Building condition observations as part of vapor intrusion building survey did not identify a completed vapor intrusion pathway. Therefore, the 33 times attenuation factor is considered valid.
100 Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.
1,000 Heavy red border indicates parameter concentration exceeds 33 times the respective expedited action level criteria.
RL column includes laboratory reporting limits for the respective parameter.
Q column includes laboratory qualifier for specific parameter, if applicable.
PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).
"-" = Not analyzed or applicable.
ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (January 2021).
NE indicates action levels are not established for the respective parameter.
* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).
Soil-gas samples collected using laboratory individually certified canisters.

TABLE 7.1
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SOIL-GAS PUSH-PROBES) - 1064 SUMMIT AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	23410-SGMP-8		23410-SGMP-8		**INTRUSION SCREENING VALUE**							
SAMPLE DATE	3/31/20		6/11/20									
SAMPLE DEPTH (FEET BGS)	7.0-7.5		7.0-7.5									
PID (ppm)	-		<1.0									
ISV SCREENING CRITERIA	Residential		Residential									
COMPOUNDS	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Res. ISV (µg/m^3)	33 times Res. ISV (µg/m^3)	Expedited Res. ISV (µg/m^3)	33 times Expedited Res. ISV (µg/m^3)	Indust. ISV (µg/m^3)	33 times Indust. ISV (µg/m^3)	Expedited Indust. ISV (µg/m^3)	33 times Expedited Indust. ISV (µg/m^3)
1,1,1-Trichloroethane	<2.1		<1.7		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1,2,2-Tetrachloroethane	<1.3		<1.1		NE	-	-	-	NE	-	-	-
1,1,2-Trichloroethane	<2.1		<0.86		0.21	7.0	0.63	21	0.7	23.0	2.10	70
1,1,2-Trichlorotrifluoroethane	<2.9		<2.4		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1-Dichloroethane	<1.5		<1.3		NE	-	-	-	NE	-	-	-
1,1-Dichloroethene	<1.5		<1.2		210	7,000	630	21,000	700	23,000	2,100	70,000
1,2,4-Trichlorobenzene	<14.1		<11.7		2.1	70	6.3	210	7	230	21.0	700
1,2,4-Trimethylbenzene	**3.6**		<1.5		63	2,100	190	6,300	210	7,000	630	21,000
1,2-Dibromoethane (EDB)	<1.5		<1.2		0.017	0.57	0.17	5.7	0.16	5.30	1.60	53.0
1,2-Dichlorobenzene	<2.3		<1.9		NE	-	-	-	NE	-	-	-
1,2-Dichloroethane	<0.77		<0.64		0.39	13	3.9	130	3.8	130	38.0	1,300
1,2-Dichloropropane	<1.8		<1.5		2.7	90	13	430	14	470	42	1,400
1,3,5-Trimethylbenzene	**2.1**		<1.5		63	2,100	190	6,300	210	7,000	630	21,000
1,3-Butadiene	<0.84		<0.70		0.28	9.3	2.8	93	2.7	90.0	21.0	700
1,3-Dichlorobenzene	<2.3		<1.9		NE	-	-	-	NE	-	-	-
1,4-Dichlorobenzene	<5.7		<4.7		63	2,100	190	6,300	210	7,000	630	21,000
2-Butanone (MEK)	**8.3**		**20.9**		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
2-Hexanone (Methyl butyl ketone)	<7.8		<6.4		31	1,000	94	3,100	110	3,700	320	11,000
2-Propanol (Isopropyl alcohol)	**13.6**		**10.5**		210	7,000	630	21,000	700	23,000	2,100	70,000
4-Ethyltoluene	<4.7		<3.9		NE	-	-	-	NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<7.8		<6.4		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Acetone	**44.2**		**43.3**		32,000	1,100,000	97,000	3,200,000	110,000	3,700,000	330,000	11,000,000
Benzene	**2.1**		**4.2**		1.3	43	9.4	310	11	370	32	1,100
Benzyl chloride	<4.9		<4.1		0.21	7.0	2.1	70	2	67.0	11.0	370
Bromodichloromethane	<2.5		<2.1		21	700	63	2,100	70	2,300	210	7,000
Bromoform	<9.8		<8.1		NE	-	-	-	NE	-	-	-
Bromomethane	<1.5		<1.2		4.2	140	13	430	14	470	42	1,400
Carbon disulfide	**9.3**		**1.4**		830	28,000	2,500	83,000	2800	93,000	8,400	280,000
Carbon tetrachloride	<2.4		<2.0		1.7	57	17	570	16	530	160	5,300
Chlorobenzene	<1.8		<1.5		52	1,700	160	5,300	180	6,000	530	18,000
Chloroethane	<1.0		<0.83		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Chloroform	<0.93		<0.77		100	3,300	310	10,000	350	12,000	1,100	37,000
Chloromethane	**0.92**		<0.65		94	3,100	280	9,300	320	11,000	950	32,000
Cyclohexane	<3.3		**3.4**		6,300	210,000	19,000	630,000	21,000	700,000	63,000	2,100,000
Dibromochloromethane	<3.2		<2.7		NE	-	-	-	NE	-	-	-
Dichlorodifluoromethane	**3.5**		**3.7**		NE	-	-	-	NE	-	-	-
Dichlorotetrafluoroethane	<2.7		<2.2		NE	-	-	-	NE	-	-	-
Ethanol	**43.7**		**4.1**		NE	-	-	-	NE	-	-	-
Ethyl acetate	<1.4		<1.1		73	2,400	220	7,300	250	8,300	740	25,000
Ethylbenzene	<1.7		<1.4		4.1	140	41	1,400	39.0	1,300	390	13,000
Hexachloro-1,3-butadiene	<10.1		<8.4		NE	-	-	-	NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<6.8		<5.7		39	1,300	390	13,000	380	13,000	3,800	130,000
Methylene Chloride (Dichloromethane)	<6.6		<5.5		630	21,000	1,900	63,000	2100	70,000	6,300	210,000
Naphthalene	<5.0		<4.1		9.4	310	28	930	32	1,100	95	3,200
Propylene	**15.0**		**42.9**		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Styrene	<1.6		<1.3		940	31,000	2,800	93,000	3,200	110,000	9,500	320,000
Tetrachloroethene	<1.3		<1.1		3.4	110	34	1,100	33	1,100	160	5,300
Tetrahydrofuran	**9.2**		**1.4**		2,100	70,000	6,300	210,000	7,000	230,000	21,000	700,000
Toluene	**1.6**		**3.0**		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Trichloroethene	<2.0		<0.85		2.1	70	6.3	210	7.0	230	21.0	700
Trichlorofluoromethane	<2.1		<1.8		1,000	33,000	3,100	100,000	3,500	120,000	11,000	370,000
Vinyl acetate	<1.3		<1.1		210	7,000	630	21,000	700	23,000	2,100	70,000
Vinyl chloride	<0.49		<0.40		1.7	57	17	570	22	730	220	7,300
cis-1,2-Dichloroethene	<1.5		<1.2		NE	-	-	-	NE	-	-	-
cis-1,3-Dichloropropene	<1.7		<1.4		2.5	83	25	830	25	830	210	7,000
m&p-Xylene	**3.3**		<2.7		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
n-Heptane	<1.6		**3.8**		420	14,000	1,300	43,000	1400	47,000	4,200	140,000
n-Hexane	**3.0**		**4.7**		730	24,000	2,200	73,000	2,500	83,000	7,400	250,000
o-Xylene	<1.7		<1.4		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
trans-1,2-Dichloroethene	<1.5		<1.2		21	700	63	2,100	70	2,300	210	7,000
trans-1,3-Dichloropropene	<1.7		<1.4		2.5	83	25	830	25	830	210	7,000

Notes:

6/25/21

Analytical data reported in micrograms per cubic meter (µg/m^3).

Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).

Bold indicates parameter detected above its respective laboratory reporting limit

100 Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.

1,000 Heavy red border indicates parameter concentration exceeds 33 times the respective expedited action level criteria.

RL column includes laboratory reporting limits for the respective parameter.

Q column includes laboratory qualifier for specific parameter, if applicable.

PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).

"-" = Not analyzed or applicable.

ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (January 2021).

NE indicates action levels are not established for the respective parameter.

* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).

Soil-gas samples collected using laboratory batch certified canisters.

TABLE 7.2
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 1064 SUMMIT AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	1064S-SS-1				1064S-SS-2				1064S-SS-3				INTRUSION SCREENING VALUE							
SAMPLE DATE	5/24/19		1/24/20		5/24/19		1/24/20		5/24/19		1/24/20									
SAMPLE DEPTH (FEET BGS)	0.5		0.5		0.5		0.5		0.5		0.5									
PID (ppm)	<1		<1		<1		<1		<1		<1									
ISV SCREENING CRITERIA	Residential		Residential		Residential		Residential		Residential		Residential									
COMPOUNDS	Result (µg/m^3)	Q	Result (µg/m3)	Q	Result (µg/m^3)	Q	Result (µg/m3)	Q	Result (µg/m^3)	Q	Result (µg/m3)	Q	Res. ISV (µg/m^3)	33 times Res. ISV (µg/m^3)	Expedited Res. ISV (µg/m^3)	33 times Expedited Res. ISV (µg/m^3)	Indust. ISV (µg/m^3)	33 times Indust. ISV (µg/m^3)	Expedited Indust. ISV (µg/m^3)	33 times Expedited Indust. ISV (µg/m^3)
1,1,1-Trichloroethane	<2.0		<2.2		<2.0		<2.1		<2.1		<2.1		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1,2,2-Tetrachloroethane	<1.3		<1.4		<1.3		<1.3		<1.3		<1.3		NE	-	-	-	NE	-	-	-
1,1,2-Trichloroethane	<2.0		<1.1		<2.0		<1.0		<2.1		<1.0		0.21	7.0	0.63	21	0.7	23.0	2.10	70
1,1,2-Trichlorotrifluoroethane	<2.8		<3.0		<2.8		<2.9		<2.9		<2.9		5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1-Dichloroethane	<1.5		<1.6		<1.5		<1.5		<1.5		<1.5		NE	-	-	-	NE	-	-	-
1,1-Dichloroethene	<1.5		<1.6		<1.5		<1.5		<1.5		<1.5		210	7,000	630	21,000	700	23,000	2,100	70,000
1,2,4-Trichlorobenzene	<13.6		<14.6		<13.6		<14.1		<14.1		<14.1		2.1	70	6.3	210	7	230	21.0	700
1,2,4-Trimethylbenzene	**3.0**		<1.9		<1.8		<1.9		<1.9		<1.9		63	2,100	190	6,300	210	7,000	630	21,000
1,2-Dibromoethane (EDB)	<1.4		<1.5		<1.4		<1.5		<1.5		<1.5		0.017	0.57	0.17	5.7	0.16	5.30	1.60	53.0
1,2-Dichlorobenzene	<2.2		<2.4		<2.2		<2.3		<2.3		<2.3		NE	-	-	-	NE	-	-	-
1,2-Dichloroethane	<0.74		<0.80		<0.74		<0.77		<0.77		<0.77		0.39	13	3.9	130	3.8	130	38.0	1,300
1,2-Dichloropropane	<1.7		<1.8		<1.7		<1.8		<1.8		<1.8		2.7	90	13	430	14	470	42	1,400
1,3,5-Trimethylbenzene	<1.8		<1.9		<1.8		<1.9		<1.9		<1.9		63	2,100	190	6,300	210	7,000	630	21,000
1,3-Butadiene	<0.81		<0.87		<0.81		<0.84		<0.84		<0.84		0.28	9.3	2.8	93	2.7	90.0	21.0	700
1,3-Dichlorobenzene	<2.2		<2.4		<2.2		<2.3		<2.3		<2.3		NE	-	-	-	NE	-	-	-
1,4-Dichlorobenzene	<5.5		<5.9		<5.5		<5.7		<5.7		<5.7		63	2,100	190	6,300	210	7,000	630	21,000
2-Butanone (MEK)	**8.3**		**33.9**		**9.5**		<5.6		**20.3**		<5.6		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
2-Hexanone (Methyl butyl ketone)	<7.5		<8.1		<7.5		<7.8		<7.8		<7.8		31	1,000	94	3,100	110	3,700	320	11,000
2-Propanol (Isopropyl alcohol)	**13.9**		<4.8		**8.0**		<4.7		**9.1**		<4.7		210	7,000	630	21,000	700	23,000	2,100	70,000
4-Ethyltoluene	<4.5		<4.8		<4.5		<4.7		<4.7		<4.7		NE	-	-	-	NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<7.5		<8.1		<7.5		<7.8		<7.8		<7.8		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Acetone	**25.8**		**21.0**		**53.9**		**20.6**		**30.5**		**10.8**		32,000	1,100,000	97,000	3,200,000	110,000	3,700,000	330,000	11,000,000
Benzene	<0.58		<0.63		<0.58		<0.61		<0.61		<0.61		1.3	43	9.4	310	11	370	32	1,100
Benzyl chloride	<4.7		<5.1		<4.7		<4.9		<4.9		<4.9		0.21	7.0	2.1	70	2	67.0	11.0	370
Bromodichloromethane	<2.4		<2.6		<2.4		<2.5		<2.5		<2.5		21	700	63	2,100	70	2,300	210	7,000
Bromoform	<9.4		<10.2		<9.4		<9.8		<9.8		<9.8		NE	-	-	-	NE	-	-	-
Bromomethane	<1.4		<1.5		<1.4		<1.5		<1.5		<1.5		4.2	140	13	430	14	470	42	1,400
Carbon disulfide	<1.1		<1.2		<1.1		**2.1**		**6.1**		<1.2		830	28,000	2,500	83,000	2800	93,000	8,400	280,000
Carbon tetrachloride	<2.3		<2.5		<2.3		<2.4		<2.4		<2.4		1.7	57	17	570	16	530	160	5,300
Chlorobenzene	<1.7		<1.8		<1.7		<1.8		<1.8		<1.8		52	1,700	160	5,300	180	6,000	530	18,000
Chloroethane	<0.96		<1.0		<0.96		<1.0		<1.0		<1.0		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Chloroform	<0.89		<0.96		<0.89		<0.93		<0.93		<0.93		100	3,300	310	10,000	350	12,000	1,100	37,000
Chloromethane	<0.76		<0.81		<0.76		**2.3**		<0.79		<0.79		94	3,100	280	9,300	320	11,000	950	32,000
Cyclohexane	<3.2		<3.4		<3.2		<3.3		**3.9**		<3.3		6,300	210,000	19,000	630,000	21,000	700,000	63,000	2,100,000
Dibromochloromethane	<3.1		<3.4		<3.1		<3.2		<3.2		<3.2		NE	-	-	-	NE	-	-	-
Dichlorodifluoromethane	**2.1**		**2.1**		**2.2**		**2.5**		<1.9		**2.0**		NE	-	-	-	NE	-	-	-
Dichlorotetrafluoroethane	<2.6		<2.8		<2.6		<2.7		<2.7		<2.7		NE	-	-	-	NE	-	-	-
Ethanol	**146**		**10.1**		**66.6**		**16.1**		**47.9**		<3.6		NE	-	-	-	NE	-	-	-
Ethyl acetate	<1.3		<1.4		<1.3		<1.4		<1.4		<1.4		73	2,400	220	7,300	250	8,300	740	25,000
Ethylbenzene	<1.6		<1.7		<1.6		<1.7		<1.7		<1.7		4.1	140	41	1,400	39.0	1,300	390	13,000
Hexachloro-1,3-butadiene	<9.8		<10.5		<9.8		<10.1		<10.1		<10.1		NE	-	-	-	NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<6.6		<7.1		<6.6		<6.8		<6.8		<6.8		39	1,300	390	13,000	380	13,000	3,800	130,000
Methylene Chloride (Dichloromethane)	<6.4		**16.0**		<6.4		**12.0**		<6.6		**6.7**		630	21,000	1,900	63,000	2100	70,000	6,300	210,000
Naphthalene	<4.8		<5.2		<4.8		<5.0		<5.0		<5.0		9.4	310	28	930	32	1,100	95	3,200
Propylene	**1.5**		<0.68		**0.86**		<0.65		<0.65		<0.65		3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Styrene	<1.6		<1.7		<1.6		<1.6		<1.6		<1.6		940	31,000	2,800	93,000	3,200	110,000	9,500	320,000
Tetrachloroethene	<1.2		<1.3		<1.2		<1.3		<1.3		<1.3		3.4	110	34	1,100	33	1,100	160	5,300

TABLE 7.2
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 1064 SUMMIT AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	1064S-SS-1				1064S-SS-2				1064S-SS-3				INTRUSION SCREENING VALUE							
SAMPLE DATE	5/24/19		1/24/20		5/24/19		1/24/20		5/24/19		1/24/20									
SAMPLE DEPTH (FEET BGS)	0.5		0.5		0.5		0.5		0.5		0.5									
PID (ppm)	<1		<1		<1		<1		<1		<1									
ISV SCREENING CRITERIA	Residential		Residential		Residential		Residential		Residential		Residential									
COMPOUNDS	Result (µg/m^3)	Q	Result (µg/m3)	Q	Result (µg/m^3)	Q	Result (µg/m3)	Q	Result (µg/m^3)	Q	Result (µg/m3)	Q	Res. ISV (µg/m^3)	33 times Res. ISV (µg/m^3)	Expedited Res. ISV (µg/m^3)	33 times Expedited Res. ISV (µg/m^3)	Indust. ISV (µg/m^3)	33 times Indust. ISV (µg/m^3)	Expedited Indust. ISV (µg/m^3)	33 times Expedited Indust. ISV (µg/m^3)
Tetrahydrofuran	**1.7**		**22.3**		<1.1		**21.8**		<1.1		**11.2**		2,100	70,000	6,300	210,000	7,000	230,000	21,000	700,000
Toluene	**4.0**		<1.5		**2.7**		**1.9**		**3.0**		<1.4		4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Trichloroethene	**1.1**		<1.1		<0.98		<1.0		<1.0		<1.0		2.1	70	6.3	210	7.0	230	21.0	700
Trichlorofluoromethane	<2.1		<2.2		<2.1		<2.1		<2.1		<2.1		1,000	33,000	3,100	100,000	3,500	120,000	11,000	370,000
Vinyl acetate	<1.3		<1.4		<1.3		<1.3		<1.3		<1.3		210	7,000	630	21,000	700	23,000	2,100	70,000
Vinyl chloride	<0.47		<0.50		<0.47		<0.49		<0.49		<0.49		1.7	57	17	570	22	730	220	7,300
cis-1,2-Dichloroethene	<1.5		<1.6		<1.5		<1.5		<1.5		<1.5		NE	-	-	-	NE	-	-	-
cis-1,3-Dichloropropene	<1.7		<1.8		<1.7		<1.7		<1.7		<1.7		2.5	83	25	830	25	830	210	7,000
m&p-Xylene	**3.8**		<3.4		<3.2		<3.3		<3.3		<3.3		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
n-Heptane	<1.5		<1.6		<1.5		<1.6		**4.1**		<1.6		420	14,000	1,300	43,000	1400	47,000	4,200	140,000
n-Hexane	<1.3		**2.7**		<1.3		<1.3		**2.5**		<1.3		730	24,000	2,200	73,000	2,500	83,000	7,400	250,000
o-Xylene	**1.7**		<1.7		<1.6		<1.7		<1.7		<1.7		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
trans-1,2-Dichloroethene	<1.5		<1.6		<1.5		<1.5		<1.5		<1.5		21	700	63	2,100	70	2,300	210	7,000
trans-1,3-Dichloropropene	<1.7		<1.8		<1.7		<1.7		<1.7		<1.7		2.5	83	25	830	25	830	210	7,000

6/25/21

Notes:
Analytical data reported in micrograms per cubic meter (µg/m^3).
Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).
Bold indicates parameter detected above its respective laboratory reporting limit
Building condition observations as part of vapor intrusion building survey did not identify a completed vapor intrusion pathway. Therefore, the 33 times attenuation factor is considered valid.
100 Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.
1,000 Heavy red border indicates parameter concentration exceeds 33 times the respective expedited action level criteria.
RL column includes laboratory reporting limits for the respective parameter.
Q column includes laboratory qualifier for specific parameter, if applicable.
PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).
"-" = Not analyzed or applicable.
ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (January 2021).
NE indicates action levels are not established for the respective parameter.
* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).
Soil-gas samples collected using laboratory individually certified canisters.

TABLE 8
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 1071 GRAND AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	1071G-SS-1		1071G-SS-2		1071G-SS-3		1071G-SS-4		1071G-SS-5		INTRUSION SCREENING VALUE							
SAMPLE DATE	2/28/20	10/26/20	2/28/20	10/26/20	2/28/20	10/26/20	2/28/20	10/26/20	2/28/20	10/26/20								
SAMPLE DEPTH (FEET BGS)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5								
PID (ppm)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0								
ISV SCREENING CRITERIA	Commercial	Commercial	Commercial	Commercial	Commercial	Commercial	Commercial	Commercial	Commercial	Commercial								
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
1,1,1-Trichloroethane	<1.9	<1.5	<2.0	<2.0	<2.0	<1.9	**2.1**	3.0	<1.9	<2.0	5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1,2,2-Tetrachloroethane	<1.2	<0.95	<1.3	<1.2	<1.3	<1.2	<1.3	<1.2	<1.2	<1.2	NE	-	-	-	NE	-	-	-
1,1,2-Trichloroethane	<0.97	<0.75	<1.0	<0.98	<1.0	<0.93	<1.0	<0.93	<0.97	<0.98	0.21	7.0	0.63	21	0.7	23.0	2.10	70
1,1,2-Trichlorotrifluoroethane	<2.7	<2.1	<2.8	<2.8	<2.8	<2.6	<2.9	<2.6	<2.7	<2.8	5,200	170,000	16,000	530,000	18,000	600,000	53,000	1,800,000
1,1-Dichloroethane	<1.4	<1.1	<1.5	<1.5	<1.5	<1.4	<1.5	<1.4	<1.4	<1.5	NE	-	-	-	NE	-	-	-
1,1-Dichloroethene	<1.4	<1.1	<1.5	<1.4	<1.5	<1.4	<1.5	<1.4	<1.4	<1.4	210	7,000	630	21,000	700	23,000	2,100	70,000
1,2,4-Trichlorobenzene	<13.1	<10.3	<13.6	<13.3	<13.6	<12.7	<14.1	<12.7	<13.1	<13.3	2.1	70	6.3	210	7	230	21.0	700
1,2,4-Trimethylbenzene	**1.9**	<1.4	<1.8	<1.8	<1.8	**5.0**	<1.9	**2.8**	**2.8**	<1.8	63	2,100	190	6,300	210	7,000	630	21,000
1,2-Dibromoethane (EDB)	<1.4	<1.1	<1.4	<1.4	<1.4	<1.3	<1.5	<1.3	<1.4	<1.4	0.017	0.57	0.17	5.7	0.16	5.30	1.60	53.0
1,2-Dichlorobenzene	<2.1	<1.7	<2.2	<2.2	<2.2	<2.0	<2.3	**2.2**	<2.1	<2.2	NE	-	-	-	NE	-	-	-
1,2-Dichloroethane	<0.72	<0.56	<0.74	<0.73	<0.74	<0.69	<0.77	<0.69	<0.72	<0.73	0.39	13	3.9	130	3.8	130	38.0	1,300
1,2-Dichloropropane	<1.6	<1.3	<1.7	<1.7	<1.7	<1.6	<1.8	<1.6	<1.6	<1.7	2.7	90	13	430	14	470	42	1,400
1,3,5-Trimethylbenzene	<1.7	<1.4	<1.8	<1.8	<1.8	<1.7	<1.9	<1.7	<1.7	<1.8	63	2,100	190	6,300	210	7,000	630	21,000
1,3-Butadiene	<0.78	<0.61	<0.81	<0.80	<0.81	<0.76	<0.84	<0.76	<0.78	<0.80	0.28	9.3	2.8	93	2.7	90.0	21.0	700
1,3-Dichlorobenzene	<2.1	**5.4**	<2.2	<2.2	<2.2	<2.0	<2.3	<2.0	<2.1	<2.2	NE	-	-	-	NE	-	-	-
1,4-Dichlorobenzene	<5.3	<4.2	<5.5	<5.4	<5.5	<5.1	<5.7	<5.1	<5.3	<5.4	63	2,100	190	6,300	210	7,000	630	21,000
2-Butanone (MEK)	**14.1**	<4.1	**7.1**	**7.1**	<5.4	**5.9**	<5.6	<5.0	**16.6**	<5.3	3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
2-Hexanone (Methyl butyl ketone)	<7.2	<5.7	<7.5	<7.4	<7.5	<7.0	<7.8	<7.0	<7.2	<7.4	31	1,000	94	3,100	110	3,700	320	11,000
2-Propanol (Isopropyl alcohol)	**17.6**	**3.7**	**5.4**	<4.4	<4.5	<4.2	**13.4**	<4.2	**12.3**	<4.4	210	7,000	630	21,000	700	23,000	2,100	70,000
4-Ethyltoluene	<4.4	<3.4	<4.5	<4.4	<4.5	<4.2	<4.7	<4.2	<4.4	<4.4	NE	-	-	-	NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<7.2	<5.7	<7.5	<7.4	<7.5	<7.0	<7.8	<7.0	<7.2	<7.4	3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Acetone	**132**	<8.2	**20.2**	**25.9**	**8.8**	**16.4**	**28.5**	**16.7**	**26.1**	**20.6**	32,000	1,100,000	97,000	3,200,000	110,000	3,700,000	330,000	11,000,000
Benzene	**1.9**	<0.44	<0.58	<0.58	<0.58	**1.0**	<0.61	**2.9**	<0.57	<0.58	1.3	43	9.4	310	11	370	32	1,100
Benzyl chloride	<4.6	<3.6	<4.7	<4.7	<4.7	<4.4	<4.9	<4.4	<4.6	<4.7	0.21	7.0	2.1	70	2	67.0	11.0	370
Bromodichloromethane	<2.4	<1.8	<2.4	<2.4	<2.4	<2.3	<2.5	<2.3	<2.4	<2.4	21	700	63	2,100	70	2,300	210	7,000
Bromoform	<9.1	<7.1	<9.4	<9.3	<9.4	<8.8	<9.8	<8.8	<9.1	<9.3	NE	-	-	-	NE	-	-	-
Bromomethane	<1.4	<1.1	<1.4	<1.4	<1.4	<1.3	<1.5	<1.3	<1.4	<1.4	4.2	140	13	430	14	470	42	1,400
Carbon disulfide	<1.1	<0.86	<1.1	<1.1	<1.1	**20.8**	<1.2	**5.6**	**2.2**	<1.1	830	28,000	2,500	83,000	2800	93,000	8,400	280,000
Carbon tetrachloride	<2.2	<1.7	<2.3	<2.3	<2.3	<2.2	<2.4	<2.2	<2.2	<2.3	1.7	57	17	570	16	530	160	5,300
Chlorobenzene	<1.6	<1.3	<1.7	<1.7	<1.7	**13.6**	<1.8	**3.9**	<1.6	<1.7	52	1,700	160	5,300	180	6,000	530	18,000
Chloroethane	<0.93	<0.73	<0.96	<0.95	<0.96	<0.90	<1.0	<0.90	<0.93	<0.95	4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Chloroform	<0.86	<0.67	<0.89	<0.88	<0.89	<0.83	<0.93	**18.9**	**34.2**	<0.88	100	3,300	310	10,000	350	12,000	1,100	37,000
Chloromethane	<0.73	<0.57	<0.76	<0.74	<0.76	**2.3**	<0.79	**1.5**	**0.85**	**0.79**	94	3,100	280	9,300	320	11,000	950	32,000
Cyclohexane	**8.6**	<2.4	<3.2	**4.7**	**7.0**	<2.9	**5.8**	**4.2**	**5.0**	**4.8**	6,300	210,000	19,000	630,000	21,000	700,000	63,000	2,100,000
Dibromochloromethane	<3.0	<2.4	<3.1	<3.1	<3.1	<2.9	<3.2	<2.9	<3.0	<3.1	NE	-	-	-	NE	-	-	-
Dichlorodifluoromethane	**2.5**	**1.9**	**2.3**	**2.4**	**2.7**	**2.4**	**2.7**	**2.4**	**2.7**	**2.2**	NE	-	-	-	NE	-	-	-
Dichlorotetrafluoroethane	<2.5	<1.9	<2.6	<2.5	<2.6	<2.4	<2.7	<2.4	<2.5	<2.5	NE	-	-	-	NE	-	-	-
Ethanol	**104**	**3.0**	**153**	**7.6**	**137**	**11.6**	**484**	**23.3**	**846**	E **16.6**	NE	-	-	-	NE	-	-	-
Ethyl acetate	<1.3	<1.0	<1.3	<1.3	<1.3	<1.2	<1.4	<1.2	<1.3	<1.3	73	2,400	220	7,300	250	8,300	740	25,000
Ethylbenzene	<1.5	<1.2	<1.6	<1.6	<1.6	**1.6**	<1.7	**1.6**	<1.5	<1.6	4.1	140	41	1,400	39.0	1,300	390	13,000
Hexachloro-1,3-butadiene	<9.4	<7.4	<9.8	<9.6	<9.8	<9.1	<10.1	<9.1	<9.4	<9.6	NE	-	-	-	NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<6.4	<5.0	<6.6	<6.5	<6.6	<6.1	<6.8	<6.1	<6.4	<6.5	39	1,300	390	13,000	380	13,000	3,800	130,000
Methylene Chloride (Dichloromethane)	**22.1**	<4.8	<6.4	**8.9**	<6.4	**29.1**	<6.6	**37.1**	<6.1	**20.3**	630	21,000	1,900	63,000	2100	70,000	6,300	210,000
Naphthalene	<4.6	<3.6	<4.8	<4.7	<4.8	**4.7**	<5.0	<4.5	<4.6	<4.7	9.4	310	28	930	32	1,100	95	3,200
Propylene	<0.61	<0.48	<0.63	<0.62	<0.63	<0.59	**1.1**	<0.59	<0.61	<0.62	3,100	100,000	9,400	310,000	11,000	370,000	32,000	1,100,000
Styrene	<1.5	<1.2	<1.6	<1.5	<1.6	**1.6**	<1.6	<1.5	<1.5	<1.5	940	31,000	2,800	93,000	3,200	110,000	9,500	320,000
Tetrachloroethene	**17.7**	**15.2**	**2.6**	**6.3**	**10.4**	**1.5**	**36.8**	**94.0**	**60.0**	**37.1**	3.4	110	34	1,100	33	1,100	160	5,300
Tetrahydrofuran	**5.6**	**1.3**	**1.5**	<1.1	**1.8**	**1.3**	**2.8**	**2.1**	**5.9**	<1.1	2,100	70,000	6,300	210,000	7,000	230,000	21,000	700,000
Toluene	**22.8**	<1.0	<1.4	<1.4	<1.4	**10.7**	<1.4	**44.1**	<1.3	<1.4	4,200	140,000	13,000	430,000	14,000	470,000	42,000	1,400,000
Trichloroethene	<0.95	<0.74	**15.3**	**16.2**	**1.5**	<0.92	**4.6**	**78.2**	**8.5**	**7.5**	2.1	70	6.3	210	7.0	230	21.0	700
Trichlorofluoromethane	<2.0	**1.8**	<2.1	**3.3**	<2.1	**2.6**	**2.3**	**3.6**	**2.1**	**3.3**	1,000	33,000	3,100	100,000	3,500	120,000	11,000	370,000
Vinyl acetate	<1.2	<0.97	<1.3	<1.3	<1.3	<1.2	<1.3	<1.2	<1.2	<1.3	210	7,000	630	21,000	700	23,000	2,100	70,000
Vinyl chloride	<0.45	<0.35	<0.47	<0.46	<0.47	<0.44	<0.49	<0.44	<0.45	<0.46	1.7	57	17	570	22	730	220	7,300
cis-1,2-Dichloroethene	<1.4	<1.1	<1.5	<1.4	<1.5	<1.4	<1.5	<1.4	<1.4	<1.4	NE	-	-	-	NE	-	-	-
cis-1,3-Dichloropropene	<1.6	<1.3	<1.7	<1.6	<1.7	<1.6	<1.7	<1.6	<1.6	<1.6	2.5	83	25	830	25	830	210	7,000

TABLE 8
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 1071 GRAND AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	1071G-SS-1				1071G-SS-2				1071G-SS-3				1071G-SS-4				1071G-SS-5				**INTRUSION SCREENING VALUE**							
SAMPLE DATE	2/28/20		10/26/20		2/28/20		10/26/20		2/28/20		10/26/20		2/28/20		10/26/20		2/28/20		10/26/20									
SAMPLE DEPTH (FEET BGS)	0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5									
PID (ppm)	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0									
ISV SCREENING CRITERIA	Commercial		Commercial		Commercial		Commercial		Commercial		Commercial		Commercial		Commercial		Commercial		Commercial									
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)	Indust. ISV ($\mu g/m^3$)	33 times Indust. ISV ($\mu g/m^3$)	Expedited Indust. ISV ($\mu g/m^3$)	33 times Expedited Indust. ISV ($\mu g/m^3$)
m&p-Xylene	<3.1		<2.4		<3.2		<3.1		<3.2		**8.1**		<3.3		**6.1**		<3.1		<3.1		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
n-Heptane	**2.2**		<1.1		<1.5		<1.5		<1.5		<1.4		<1.6		**1.6**		<1.4		<1.5		420	14,000	1,300	43,000	1400	47,000	4,200	140,000
n-Hexane	**37.6**		<0.97		<1.3		**2.6**		<1.3		**1.6**		<1.3		**3.4**		<1.2		<1.3		730	24,000	2,200	73,000	2,500	83,000	7,400	250,000
o-Xylene	<1.5		<1.2		<1.6		<1.6		<1.6		**3.2**		<1.7		**1.6**		<1.5		<1.6		100*	3,300*	310*	10,000*	350*	12,000*	1,100*	37,000*
trans-1,2-Dichloroethene	<1.4		<1.1		<1.5		<1.4		<1.5		<1.4		<1.5		<1.4		<1.4		<1.4		21	700	63	2,100	70	2,300	210	7,000
trans-1,3-Dichloropropene	<1.6		<1.3		<1.7		<1.6		<1.7		<1.6		<1.7		<1.6		<1.6		<1.6		2.5	83	25	830	25	830	210	7,000

Notes:

6/25/21

Analytical data reported in micrograms per cubic meter ($\mu g/m^3$).

Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).

Bold indicates parameter detected above its respective laboratory reporting limit

Building condition observations as part of vapor intrusion building survey did not identify a completed vapor intrusion pathway. Therefore, the 33 times attenuation factor is considered valid.

100 Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.

1,000 Heavy red border indicates parameter concentration exceeds 33 times the respective expedited action level criteria.

RL column includes laboratory reporting limits for the respective parameter.

Q column includes laboratory qualifier for specific parameter, if applicable.

PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).

"-" = Not analyzed or applicable.

ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (January 2021).

NE indicates action levels are not established for the respective parameter.

* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).

Soil-gas samples collected using laboratory individually certified canisters.

E = Analyte concentration exceeded the calibration range. The reported result is estimated.

TABLE 9
GLOBAL POSITIONING SYSTEM COORDINATE DATA AND MPCA LOCATION UNIQUE IDENTIFERS
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

Monitoring Point ID	MPCA LUI	Latitude	Longitude	Easting	Northing	Zone	Accuracy (meters)	Location Comments
Grand Avenue Soil-Gas Push-Probes								
23410-SGP-1 [1]	2001008638	44.93997700 N	-93.14567000 W	488507	4976294	15T	--	Grand Avenue median to the north of 1074 Grand Avenue.
23410-SGP-2 [1]	2001008639	44.93997800 N	-93.14529000 W	488537	4976294	15T	--	Grand Avenue median to the north of 1068 Grand Avenue.
23410-SGP-3 [1]	2001008640	44.93997800 N	-93.14503600 W	488557	4976294	15T	--	Grand Avenue median to the north-northeast of the northwest corner of 1060 Grand Avenue.
23410-SGP-4 [1]	2001008641	44.93997900 N	-93.14463100 W	488589	4976293	15T	--	Grand Avenue median to the north of the approx. center of 1060 Grand Avenue.
Semi-Permanent Soil-Gas Monitoring Points								
23410-SGMP-1 [1]	2001003479	44.94028937 N	-93.14671742 W	488424	4976328	15T	0.97	West right-of-way of Lexington Pkwy S to north of Grand Ave intersection.
23410-SGMP-2 [1]	2001003480	44.94053282 N	-93.14561496 W	488511	4976355	15T	0.87	Alleyway north of 1071 Grand Ave (bank).
23410-SGMP-3 [1]	2001003481	44.94052502 N	-93.14495372 W	488564	4976354	15T	1.17	Alleyway north of 1059 Grand Ave (site).
23410-SGMP-4 [1]	2001003482	44.94035129 N	-93.14414463 W	488627	4976334	15T	0.48	Tree planter in west right-of-way of N Oxford Street to north of Grand Ave intersection.
23410-SGMP-5 [1]	2001003483	44.93943807 N	-93.14424704 W	488619	4976233	15T	1.47	Alleyway south of 1060 Grand Ave (commercial/residential apartment building). GPS unit had difficulty acquiring satellites due to buildings.
23410-SGMP-6 [1]	2001003484	44.93943852 N	W	488538	4976233	15T	1.30	Alleyway south of 1068 Grand Ave (commercial building). GPS unit had difficulty acquiring satellites due to buildings.
23410-SGMP-7 [2]	2001006135	44.94094000 N	-93.14485000 W	488572	4976400	15T	-	South of house, east of walkway at 1058 Summit.
23410-SGMP-8 [2]	2001006136	44.94083000 N	-93.14524000 W	488541	4976388	15T	-	South of 1064 Summit house.
25 Oxford Street Sub-Slab Monitoring Points								
25O-SS-1 [2]	GS01058	44.94070000 N	-93.14426400 W	488618	4976373	15T	-	Storage closet northwest area of basement.
25O-SS-2 [2]	GS01059	44.94067500 N	-93.14433600 W	488612	4976370	15T	-	Bedroom closet central portion of basement.
25O-SS-3 [2]	GS01060	44.94064200 N	-93.14441100 W	488606	4976367	15T	-	Workspace southwest area of basement.
21 Oxford Street Sub-Slab Monitoring Points								
21O-SS-1 [2]	GS00721	44.94076000 N	-93.14440000 W	488607	4976380	15T	-	Southwest corner of basement under stairs.
21O-SS-2 [2]	GS00722	44.94079300 N	-93.14428500 W	488616	4976383	15T	-	Approximate south-north center near eastern basement wall.
1058 Summit Avenue Sub-Slab Monitoring Points								
1058S-SS-1 [2]	GS01130	44.94107778 N	-93.14476667 W	488578	4976415	15T	-	
1058S-SS-2 [2]	GS01131	44.94107222 N	-93.14491111 W	488567	4976415	15T	-	
1058S-SS-3 [2]	GS01132	44.94110000 N	-93.14496389 W	488563	4976418	15T	-	
1064 Summit Avenue Sub-Slab Monitoring Points								
1064S-SS-1 [2]	GS00653	44.94106000 N	-93.14518000 W	488546	4976413	15T	-	Southwest corner of lower basement.
1064S-SS-2 [2]	GS00654	44.94106000 N	-93.14509000 W	488553	4976413	15T	-	Southeast corner of lower basement.
1064S-SS-3 [2]	GS00655	44.94111000 N	-93.14521000 W	488544	4976419	15T	-	Closet in bedroom northwest area of house in upper slab area.

TABLE 9
GLOBAL POSITIONING SYSTEM COORDINATE DATA AND MPCA LOCATION UNIQUE IDENTIFERS
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

Monitoring Point ID	MPCA LUI	Latitude	Longitude	Easting	Northing	Zone	Accuracy (meters)	Location Comments
1043 Grand Avenue								
SS-10 [2]	GS00993	44.94011944 N	-93.14449722 W	488600	4976309	15T	-	Basement, south wall of south mechanical room.
SS-11 [2]	GS00994	44.94046667 N	-93.14441667 W	488606	4976347	15T	-	Basement, northeast storage room by stairs.
SS-12 [2]	GS00995	44.94050556 N	-93.14436667 W	488610	4976351	15T	-	Main floor slab-on-grade, northwest corner room 1043.
SS-13 [2]	GS00996	44.94037222 N	-93.14427222 W	488617	4976337	15T	-	Main floor slab-on-grade, near south wall room 1043.
SS-14 [2]	GS00997	44.94038056 N	-93.14455833 W	488595	4976338	15T	-	Basement, room 104.
SS-15 [2]	------	44.94027778 N	-93.14450556 W	488599	4976326	15T	-	Basement, outside room 101 by stairs. LUI not generated by Terracon for heating season sampling event as point not sampled.
1071 Grand Avenue								
1071G-SS-1 [2]	GS01173	44.94011900 N	-93.145300000 W	488536	4976309	15T	-	
1071G-SS-2 [2]	GS01174	44.94032888 N	-93.145315933 W	488535	4976332	15T	-	
1071G-SS-3 [2]	GS01175	44.94033611 N	-93.145530556 W	488518	4976333	15T	-	
1071G-SS-4 [2]	GS01176	44.94020833 N	-93.145572222 W	488515	4976319	15T	-	
1071G-SS-5 [2]	GS01177	44.94012500 N	-93.145491667 W	488521	4976309	15T	-	

Notes:

MPCA LUI = Minnesota Pollution Control Agency Location Unique Identifier obtained from MPCA online Remediation LUI Generator.

1 = Sub-meter global positioning system (GPS) coordinates collected using sub-meter GPS unit.

2 = Coordinates based on best fit to basement layout map from Google Earth.

PROPERTY SUMMARY REPORT

1058 SUMMIT AVENUE

January 12, 2021

Sent via Email

Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155

Attention: Ms. Melissa Meeuwsen
Ph: 651-757-2188
Email: melissa.meeuwsen@state.mn.us

Regarding: Property Summary Report – 1058 Summit Avenue DRAFT
Bober Pharmacy Site
1059 Grand Avenue
St. Paul, Minnesota 55105
Terracon Project No. 41187193B
MPCA Site ID #: VP23410-SA292

Dear Ms. Meeuwsen,

Terracon Consultants, Inc. (Terracon) has prepared a Property Summary Report documenting vapor intrusion investigation activities completed at 1058 Summit Avenue between Febrary and October 2020 associated with the above reference site. These activities were generally performed as proposed in Terracon's *Closed Site Vapor Investigation Follow-Up Work Plan - Bober Pharmacy and SW Corner of Maryland and Arcade #2 Sites - FINAL* dated December 19, 2019 and Terracon's *Vapor Investigation Work Plan FY2021 – FINAL* dated September 3, 2020. These activities were authorized by Minnesota Pollution Control Agency (MPCA) Work Orders 3000025699 and 3000027293. The completed activities are documented in the attached report.

Terracon appreciates the opportunity to be of service on this project. If you have questions or require additional information, do not hesitate to me at 651-894-6633 (justin.enwall@terracon.com).

Sincerely,
Terracon Consultants, Inc.

Prepared by:

Justin M. Enwall
Project Geologist

Reviewed by:

Paul J. Wiese, PG
Senior Project Manager

Enclosure

JLS/JME/PJW:jls/jme N:\PROJECTS\2019\41197138\WORKING FILES\DRAFTS (PROPOSAL-REPORTS-COMMUNICATIONS)\5313 ALDRICH\2020.11.XX PROPERTY SUMMARY REPORT\2020.XX.XX 53RD AND LYNDALE (SA558) - PSR COVER LETTER DRAFT.DOCX

Property Summary Report

1058 Summit Avenue, St. Paul, Minnesota 55105

MPCA Project Information

MPCA Project Name: Bober Pharmacy

MPCA Project Number: VP23410 (Work being done under Closed Site Project – SA292)

MPCA Staff: Melissa Meeuwsen, email: Melissa.Meeuwsen@state.mn.us, phone: 651-757-2188

Property Information and Access

Property Owner(s) Name: Bradley Benson and Jane Baer

Property Owner(s) Address: 1058 Summit Avenue, St. Paul, Minnesota 55105

Property Address: 1058 Summit Avenue, St. Paul, Minnesota 55105

Building Type: Single Family Owner Occupied

Date Property Owner Signed Access Agreement: May 16, 2019

Notes: The Site and property location are illustrated on Figures 1 and 2. A copy of the signed access agreement is included in Appendix A.

Exterior Soil-Gas Probe Sampling

Soil-Gas Probe Sample Dates: March 31, 2020 and June 11, 2020

Number of Samples: One (23410-SGMP-7), sampled twice.

Sampling Results: Soil-gas push-probe 23410-SGMP-7 was advanced and sampled on March 31, 2020 and June 11, 2020 (Figure 2). Numerous volatile organic compounds (VOCs) were detected above their respective laboratory reporting limits in the soil-gas samples collected during the sampling events (Table 1, laboratory analytical reports in Appendix C, sampling forms in Appendix D). However, the VOCs detected at concentrations greater than their laboratory reporting limits were not detected at concentrations greater than 33 times their respective MPCA residential intrusion screening values (ISVs), where applicable. The cumulative soil-gas sampling results from soil-gas push-probe location 23410-SGMP-1 indicate that the VOC concentrations are not indicative of a vapor intrusion risk to the 1058 Summit Avenue building. In addition, the cumulative soil-gas sampling results indicate that the boundary of the vapor intrusion area of concern (VI AOC) is between soil-gas push-probe 23410-SGMP-7 and soil-gas monitoring point 23410-SGMP-3 located in the alley to the south of the 1058 Summit Avenue property.

Sampling Contractor(s): Terracon Consultants, Inc., 955 Wells Street Suite 100, St. Paul, Minnesota 55106, Contact Name: Justin Enwall, email: justin.enwall@terracon.com, phone: 651.894.6633

Vapor Point Removal & Sealing Date: The soil-gas monitoring point 23410 SGMP-7 was sealed following the completion of each sampling event on March 31, 2020 and June 11, 2020.

Notes:

One soil-gas push-probe location (23410-SGMP-7) was advanced and sampled on two occasions. Soil-gas push-probe 23410-SGMP-7 was advanced in the backyard of the property of 1058 Summit Avenue in St. Paul, Minnesota 55105, located to the south of the residence at that address. Soil-gas sampling of probe 23410-SGMP-7 was completed to investigate the vapor intrusion risk and VI AOC posed by the identified VOC impacts greater than 33 times the MPCA residential ISVs at soil-gas monitoring point 23410-SGMP-3 located in the alleyway to the south of the property.

The soil-gas push-probes were advanced using a post-run tubing (PRT) technique with hand-driven rods advanced to depth during both sampling events. The post-run tubing method consists of a hollow 1-inch diameter steel drilling rod with an expendable point advanced to the proposed depth. A PRT adapter end connected to 3/16-inch inner diameter (ID) Teflon® tubing was then inserted down the probe rods and connected to the terminal end of the rod assembly via threads located in the expendable point holder. The rod assembly was then pulled up slightly to ensure complete disengagement of the expendable point and create a void in the targeted soil-gas sampling depth. The ground surface

around the drilling rod was then sealed with hydrated bentonite to prevent ambient air from entering the soil-gas sampling interval. Reusable soil-gas PRT push-probe components (i.e., hollow steel rods, expendable point holders, and PRT adaptor) were decontaminated prior to use at the Site by washing with a detergent and potable water solution, and then rinsed with potable water. New disposable soil-gas sampling train components (i.e., tubing and rubber O-rings) were used at each sampling location.

The assembled soil-gas sampling train consisted of 3/16-inch ID solid Teflon® tubing, a polycarbonate two-way valve, a polycarbonate four-way valve, a polycarbonate and silicone back-flow preventer, a polycarbonate female to female connector, and a polycarbonate barb fitting. The assembled sampling train had three ends connected by the polycarbonate four-way valve. One end of the sampling train consisted of 3/16-inch ID tubing, a polycarbonate barbed fitting, a two-way valve, and a length of 3/16 ID Teflon® tubing connected to the barbed fitting of the stainless-steel threaded PRT point. The second end of the sampling train consisted of a connector and a back-flow preventer. The third end of the sampling train consisted of a tubing attached to the laboratory provided flow regulator and "individually certified" air canister equipped with a 200 cubic centimeter per minute flow regulator and vacuum gauge using SwageLok™ fittings and a 9/16-inch wrench. New disposable soil-gas sampling train components (i.e., tubing, valves, back-flow preventers, connectors, and barbed fittings) were used at each sampling location.

Vacuum leak testing was conducted on the assembled soil-gas sampling train prior to soil-gas sample collection. A vacuum was applied to the sampling train by closing the two-way valve and using a syringe connected to the back-flow preventer. The vacuum within the sampling train was monitored on the vacuum gauge attached to the flow regulator. A loss of vacuum indicates a leak is present within the sampling train, while a steady vacuum indicates a leak is not present in the sampling train. If a vacuum leak was observed, the sampling train was checked for non-air tight connections and additional leak testing performed until a steady vacuum was observed within the sampling train.

Approximately 280 to 360 milliliters of air were extracted from the soil-gas sampling train and soil-gas sampling interval void space using a syringe prior to collecting the soil-gas sample. The air canister valve was then opened and filled with the soil-gas sample. The vacuum gauge was monitored to check progress of canister filling. After collection of an adequate volume of soil-gas sample, and before the vacuum in the air canister was zero (i.e., ambient pressure), the air canister valve was closed. After the soil-gas sample was collected, a photoionization detector (PID) equipped with a 11.7 electron volt (eV) lamp was connected to the sampling train to measure the organic vapor concentration followed by a multi-gas meter to measure oxygen, carbon dioxide, carbon monoxide, hydrogen sulfide, lower explosive limit (LEL) and methane contents, if applicable. Following the completion of soil-gas sampling activities, the PRT push-probe equipment was removed from the subsurface. The push-probe location was then backfilled and sealed with hydrated bentonite following each sampling event.

Field forms were completed for the sampling events on March 31, 2020 and June 11, 2020 indicating project information, equipment identifiers, sample location, vacuum leak testing results, sample time, vacuum readings, etc. for each soil-gas sample. A Chain-of-Custody was also filled out for each sampling event indicating the sample identified, sampling time, equipment identifiers, and soil organic vapor readings. Soil-gas samples were then shipped under chain-of-custody protocol to the analytical laboratory for analysis.

Sub-Slab Sampling

Sub-Slab Sample Dates: February 21, 2020 and October 26, 2020

Number of Samples: Three (1058S-SS-1 through 1058S-SS-3), sampled twice.

Sampling Results: Sub-slab soil-gas samples were collected from sub-slab monitoring points 1058S-SS-1 through 1058S-SS-3 on February 21, 2020 and October 26, 2020. Numerous VOCs were detected above their respective laboratory reporting limits in the sub-slab soil-gas samples collected on February 21, 2020 and October 26, 2020 (Table 2, laboratory analytical report in Appendix C, sampling forms in Appendix D). However, the VOCs detected at concentrations greater than their laboratory reporting limits were not detected at concentrations greater than 33 times their respective MPCA residential ISVs, where applicable. The cumulative sub-slab soil-gas sampling results indicate that the VOC concentrations are not indicative of a vapor intrusion risk to the building.

Sampling Contractor(s): Terracon Consultants, Inc., 955 Wells Street Suite 100, St. Paul, Minnesota 55106, Contact Name: Justin Enwall, email: justin.enwall@terracon.com, phone: 651.894.6633

Vapor Point Removal & Sealing Date: Sub-slab sampling points 1058S-SS-1 through 1058S-SS-3 were removed and sealed following the October 26, 2020 sampling event.

Notes: Building inspection observations are summarized on the MPCA Vapor Intrusion Building Survey Form (c-rem3-01a) included in Appendix C. Photographs showing building construction characteristics are included in Appendix E. The building consists of a single-family residential 1 ½ story building with the above grade portion of the structure originally constructed in approximately 1910 at a different location. In approximately 1952 the basement portion of the structure was constructed at the 1058 Summit Avenue property, then the above grade portion of the structure was then moved from its original location and placed above the constructed basement. The property owner indicated that they were unaware of any additions added to the structure since approximately 1952. The general property grade slopes gently downward from the north to the south. The basement slab is approximately 8 feet below ground surface (bgs) along the northern wall of the structure and consists of an at-grade walk-out elevation along the southern wall of the structure. The foundation walls consist of concrete block construction with no known insulation. The structure has a full finished basement with one intermittently occupied bedroom. The basement floor consists of an approximately 4-inch thick concrete slab covered with a combination of painted floor in the workshop and laundry rooms, carpet in the living room and bedroom, laminate wood flooring in the bedroom closet, and ceramic tile floor with in-floor heating in the kitchen, dining, bathroom, and mud room areas. A perimeter drain tile system is present along a portion the western basement wall, the entire northern basement wall, and a portion of the eastern basement wall connected to a sump located within the laundry room. It could not be determined if there was water in the sump due to the presence of shelving units. However, the sump appeared to be sealed based on the presence of cover bolts and sealed utility penetrations through the sump cover. The perimeter drain tile system was installed due to water intrusion encountered by the current property owner when they first purchased the property and they have not had water intrusion issues since its installation. Large utility penetrations, concrete floor cracks, and earthen floors (where bare concrete floor was present) with exposure to subsurface soil were not observed. The building conditions and usage observed during the sampling event on October 26, 2020 were consistent with the previous observations. Based on observations summarized within the vapor intrusion survey form, the use of the MPCA vapor intrusion attenuation factor (33x residential ISV screening level) was considered valid for both sampling events.

The basement footprint was approximately 1,700 square feet. Therefore, three (3) sub-slab soil-gas monitoring points (1058S-SS-1 through 1058S-SS-3) were installed within the basement of the residential building in accordance with MPCA Appendix C: Suggested number of samples per building foundation size (c-rem3-06h). Sub-slab soil-gas sampling activities were completed to investigate the vapor intrusion risk posed by the identified VOC impacts greater than 33 times the MPCA residential ISVs at soil-gas monitoring points 23410-SGMP-3 located in the alleyway to the south of the building and 23410-SGMP-4 within the eastern right-of-way of Oxford Street to the southeast of the building. Sub-slab monitoring point 1058S-SS-1 was installed in the workshop room in the eastern portion of the building. Sub-slab monitoring point 1058S-SS-2 was installed in the northeast corner of the bedroom located in the southwest portion of the building. Sub-slab monitoring points 1058S-SS-1 and 1058S-SS-2 provide the closest sampling points to soil-gas monitoring point 23410-SGMP-3. Sub-slab monitoring point 1058S-SS-3 was installed within the laundry room in the northwestern portion of the building.

Sub-slab soil-gas monitoring point installation was completed using a Vapor Pin™ technique. The Vapor Pin™ consist of a hollow brass or stainless-steel tube with a barb fitting wrapped by a silicon sleeve installed through the concrete floor slab. The Vapor Pin™ components were thoroughly cleaned before installation to remove residues and contaminants left over from the fabrication processes. A 1 ½-inch diameter by approximately 2-inch deep overhead hole was drilled into the concrete slab using a carbide masonry bit and a rotary hammer drill to provide a relief hole for the Vapor Pin™ completion and allow for the placement of a flush mount cover. A 5/8-inch diameter hole was drilled through the concrete floor slab using a carbide masonry bit and a rotary hammer drill. The 5/8-inch diameter hole was advanced completely through the concrete floor slab. Concrete dust generated during installation activities was controlled using a vacuum equipped with HEPA filtration. The hole was cleaned with a ¾-inch diameter bottle brush and then debris was removed by hand to prevent debris from entering the point. The Vapor Pin™ was then installed in the hole using the

installation/extraction tool and a dead blow hammer. A protective cover (polyethylene cap) was then installed over the barb fitting to prevent the migration of soil-gas out of, or ambient air into, the point prior to sampling.

Soil-gas sampling and a soil-gas sampling train consistent with MPCA Best Management Practices for Vapor Investigation and Building Mitigation Decisions (c-rem3-06e) sub-slab sampling methodology was used to collect the sub-slab soil-gas samples.

The assembled soil-gas sampling train consisted of 5/16-inch inner diameter (ID) solid Teflon® tubing, a polycarbonate two-way valve, a polycarbonate four-way valve, a polycarbonate and silicone back-flow preventer, a polycarbonate female to female connector, and a polycarbonate barb fitting. The assembled sampling train had three ends connected by the four-way valve. One end of the sampling train consisted of 5/16-inch ID tubing, a two-way valve, and a barb fitting connected to the barbed fitting of the Vapor Pin™. The second end of the sampling train consisted of a connector and a back-flow preventer. The third end of the sampling train consisted of a 3/16-inch ID tubing attached to the laboratory provided flow regulator and "individually laboratory certified" air canister equipped with a 200 cubic centimeter per minute flow regulator and vacuum gauge using SwageLok™ fittings and a 9/16-inch wrench. New disposable soil-gas sampling train components (i.e., tubing, valves, back-flow preventers, connectors, and barbed fittings) were used at each sampling location.

Vacuum leak testing was conducted on the assembled soil-gas sampling trains prior to sub-slab soil-gas sample collection. The sampling train connection to the Vapor Pin™ was surrounded by a water dam consisting of playdough and a short section of polyvinyl chloride (PVC) pipe. The water dam assembly was then filled with water to check the seal between the Vapor Pin™ and the surrounding concrete. A vacuum was applied to the sampling train by closing the two-way valve and using a syringe connected to the back-flow preventer. The vacuum within the sampling train was monitored on the vacuum gauge attached to the flow regulator. A loss of vacuum indicates a leak is present within the sampling train, while a steady vacuum indicates a leak is not present in the sampling train. If a vacuum leak was observed, the sampling train was checked for non-air tight connections and additional leak testing performed until a steady vacuum was observed within the sampling train.

Approximately 120 to 250 milliliters of air were extracted from the soil-gas sampling train and sub-slab monitoring point using a syringe prior to collecting the sub-slab soil-gas samples. The air canister valve was then opened and filled with the soil-gas sample. The vacuum gauge was monitored to check progress of canister filling. After collection of an adequate volume of soil-gas sample, and before the vacuum in the air canister was zero (i.e., ambient pressure), the air canister valve was closed. After the soil-gas sample was collected, a photoionization detector (PID) equipped with a 11.7 electron volt (eV) lamp was connected to the sampling train to measure the organic vapor concentration followed by a multi-gas meter to measure oxygen, carbon dioxide, carbon monoxide, hydrogen sulfide, lower explosive limit (LEL) and methane contents, if applicable. In addition, the pressure differential between the indoor building air and the air beneath the building was measured with a micro-manometer which provides readings in Pascals (Pa).

Field forms were completed for the sampling events on February 21, 2020 and October 26, 2020 indicating project information, equipment identifiers, sample location, vacuum leak testing results, sample time, vacuum readings, etc. for each soil-gas sample. A Chain-of-Custody was also filled out for each sampling event indicating the sample identified, sampling time, equipment identifiers, and soil organic vapor readings. Soil-gas samples were then shipped under chain-of-custody protocol to the analytical laboratory for analysis.

Pre-Mitigation Diagnostics – Not Applicable

Pre-Mitigation Diagnostics Test Date:

Mitigation Contractor(s) Information:

Notes:

Mitigation System Installation – Not Applicable

Mitigation System Installation Date:

Post-Mitigation Diagnostics Pass Date:

Mitigation Contractor(s) Information:

Mitigation Fan Information:

Notes:

Post-Mitigation Diagnostics – Not Applicable

Post-Mitigation Diagnostics Test Date:

Mitigation Contractor(s) Information:

Notes:

Post-Mitigation Confirmation Sampling – Not Applicable

Post Mitigation Vapor Sample Date:

Number/Type of Samples:

Sampling Results:

Post-Mitigation Pressure Field Extension Measurements:

Notes:

TABLES

FIGURES

APPENDIX

TABLES

TABLE 1
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SOIL-GAS PUSH-PROBES) - 1058 SUMMIT
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	23410-SGMP-7		23410-SGMP-7		**INTRUSION SCREENING VALUE**			
SAMPLE DATE	3/31/20		6/11/20					
SAMPLE DEPTH (FEET BGS)	7.0 - 7.5		7.0 - 7.5					
PID (ppm)	<1.0		<1.0					
ISV SCREENING CRITERIA	Residential		Residential					
COMPOUNDS	Result ($\mu g/m^3$)	Q	Result ($\mu g/m^3$)	Q	Res. ISV ($\mu g/m^3$)	33 times Res. ISV ($\mu g/m^3$)	Expedited Res. ISV ($\mu g/m^3$)	33 times Expedited Res. ISV ($\mu g/m^3$)
1,1,1-Trichloroethane	<2.2		<1.7		5,200	170,000	16,000	530,000
1,1,2,2-Tetrachloroethane	<1.4		<1.1		NE	-	-	-
1,1,2-Trichloroethane	<2.2		<0.86		0.21	7.0	0.63	21
1,1,2-Trichlorotrifluoroethane	<3.2		<2.4		5,200	170,000	16,000	530,000
1,1-Dichloroethane	<1.7		<1.3		NE	-	-	-
1,1-Dichloroethene	<1.6		<1.2		210	7,000	630	21,000
1,2,4-Trichlorobenzene	<15.2		<11.7		2.1	70	6.3	210
1,2,4-Trimethylbenzene	<2.0		<1.5		63	2,100	190	6,300
1,2-Dibromoethane (EDB)	<1.6		<1.2		0.017	0.57	0.17	5.7
1,2-Dichlorobenzene	<2.5		<1.9		NE	-	-	-
1,2-Dichloroethane	<0.83		<0.64		0.39	13	3.9	130
1,2-Dichloropropane	<1.9		<1.5		2.7	90	13	430
1,3,5-Trimethylbenzene	<2.0		<1.5		63	2,100	190	6,300
1,3-Butadiene	<0.91		<0.70		0.28	9.3	2.8	93
1,3-Dichlorobenzene	<2.5		<1.9		NE	-	-	-
1,4-Dichlorobenzene	<6.2		<4.7		63	2,100	190	6,300
2-Butanone (MEK)	**250**	E	**32.8**		5,200	170,000	16,000	530,000
2-Hexanone (Methyl butyl ketone)	<8.4		<6.4		31	1,000	94	3,100
2-Propanol (Isopropyl alcohol)	**30.5**		**5.3**		210	7,000	630	21,000
4-Ethyltoluene	<5.0		<3.9		NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<8.4		<6.4		3,100	100,000	9,400	310,000
Acetone	**266**		**141**		32,000	1,100,000	97,000	3,200,000
Benzene	**2.9**		**7.1**		4.6	150	46	1,500
Benzyl chloride	<5.3		<4.1		0.21	7.0	2.1	70
Bromodichloromethane	<2.7		<2.1		21	700	63	2,100
Bromoform	<10.6		<8.1		NE	-	-	-
Bromomethane	<1.6		<1.2		5.2	170	16	530
Carbon disulfide	**16.4**		**3.1**		830	28,000	2,500	83,000
Carbon tetrachloride	<2.6		<2.0		1.7	57	17	570
Chlorobenzene	<1.9		<1.5		52	1,700	160	5,300
Chloroethane	<1.1		<0.83		4,200	140,000	13,000	430,000
Chloroform	<1.0		<0.77		100	3,300	310	10,000
Chloromethane	<0.85		**1.2**		94	3,100	280	9,300
Cyclohexane	**3.7**		<2.7		6,300	210,000	19,000	630,000
Dibromochloromethane	<3.5		<2.7		NE	-	-	-
Dichlorodifluoromethane	**3.3**		**2.2**		NE	-	-	-
Dichlorotetrafluoroethane	<2.9		<2.2		NE	-	-	-
Ethanol	**872**		**5.4**		NE	-	-	-
Ethyl acetate	<1.5		<1.1		73	2,400	220	7,300
Ethylbenzene	<1.8		<1.4		4.1	140	41	1,400
Hexachloro-1,3-butadiene	<10.9		<8.4		NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<7.4		<5.7		39	1,300	390	13,000
Methylene Chloride (Dichloromethane)	<7.1		<5.5		630	21,000	1,900	63,000
Naphthalene	<5.4		<4.1		9.4	310	28	930
Propylene	**11.7**		**44.3**		3,100	100,000	9,400	310,000
Styrene	<1.7		<1.3		940	31,000	2,800	93,000
Tetrachloroethene	<1.4		<1.1		3.4	110	34	1,100
Tetrahydrofuran	**1,010**		**0.96**		2,100	70,000	6,300	210,000
Toluene	**2.3**		**5.2**		4,200	140,000	13,000	430,000
Trichloroethene	<2.2		<0.85		2.1	70	6.3	210
Trichlorofluoromethane	<2.3		<1.8		1,000	33,000	3,100	100,000
Vinyl acetate	<1.4		<1.1		210	7,000	630	21,000
Vinyl chloride	<0.53		<0.40		1.7	57	17	570
cis-1,2-Dichloroethene	<1.6		<1.2		NE	-	-	-
cis-1,3-Dichloropropene	<1.9		<1.4		2.5	83	25	830
m&p-Xylene	<3.6		<2.7		100*	3,300*	310*	10,000*
n-Heptane	<1.7		**3.2**		420	14,000	1,300	43,000
n-Hexane	**3.9**		**8.8**		730	24,000	2,200	73,000
o-Xylene	<1.8		<1.4		100*	3,300*	310*	10,000*
trans-1,2-Dichloroethene	<1.6		<1.2		NE	-	-	-
trans-1,3-Dichloropropene	<1.9		<1.4		2.5	83	25	830

Notes:
Analytical data reported in micrograms per cubic meter ($\mu g/m^3$).
Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).
Bold indicates parameter detected above its respective laboratory reporting limit
Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.
RL column includes laboratory reporting limits for the respective parameter.
Q column includes laboratory qualifier for specific parameter, if applicable.
PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).
"-" = Not analyzed or applicable.
ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (May 2019).
NE indicates action levels are not established for the respective parameter.
* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).
Soil-gas samples collected using laboratory batch certified canisters.

E = Analyte concentration exceeded the calibration range. The reported result is estimated.

TABLE 2
RESULTS OF SOIL-GAS SAMPLES FOR VAPOR INTRUSION SCREENING (SUB-SLAB MONITORING POINTS) - 1058 SUMMIT AVENUE
BOBER PHARMACY
1059 GRAND AVENUE
ST. PAUL, MINNESOTA 55105
MPCA SITE ID: VP23410 (WORK UNDER CLOSED SITES PROJECT SA292)
TERRACON PROJECT NO. 41187193

SAMPLE LOCATION	1058S-SS-1				1058S-SS-2				1058S-SS-3				INTRUSION SCREENING VALUE			
SAMPLE DATE	2/21/20		10/26/20		2/21/20		10/26/20		2/21/20		10/26/20					
SAMPLE DEPTH (FEET BGS)	0.5		0.5		0.5		0.5		0.5		0.5					
PID (ppm)	<1				<1				<1							
ISV SCREENING CRITERIA	Residential		Residential		Residential		Residential		Residential		Residential					
COMPOUNDS	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Result (µg/m^3)	Q	Res. ISV (µg/m^3)	33 times Res. ISV (µg/m^3)	Expedited Res. ISV (µg/m^3)	33 times Expedited Res. ISV (µg/m^3)
1,1,1-Trichloroethane	<2.0		<1.9		<1.9		<1.9		<1.9		<2.0		5,200	170,000	16,000	530,000
1,1,2,2-Tetrachloroethane	<1.2		<1.9		<1.2		<1.9		<1.2		<2.0		NE	-	-	-
1,1,2-Trichloroethane	<0.98		<1.2		<0.93		<1.2		<0.97		<1.2		0.21	7.0	0.63	21
1,1,2-Trichlorotrifluoroethane	<2.8		<0.95		<2.6		<0.93		<2.7		<0.98		5,200	170,000	16,000	530,000
1,1-Dichloroethane	<1.5		<2.7		<1.4		<2.6		<1.4		<2.8		NE	-	-	-
1,1-Dichloroethene	<1.4		<1.4		<1.4		<1.4		<1.4		<1.5		210	7,000	630	21,000
1,2,4-Trichlorobenzene	<13.3		<1.4		<12.7		<1.4		<13.1		<1.4		2.1	70	6.3	210
1,2,4-Trimethylbenzene	<1.8		<12.9		<1.7		<12.7		<1.7		<13.3		63	2,100	190	6,300
1,2-Dibromoethane (EDB)	<1.4		<1.7		<1.3		**4.2**		<1.4		<1.8		0.017	0.57	0.17	5.7
1,2-Dichlorobenzene	<2.2		<1.3		<2.0		<1.3		<2.1		<1.4		NE	-	-	-
1,2-Dichloroethane	<0.73		<2.1		<0.69		<2.0		<0.72		<2.2		0.39	13	3.9	130
1,2-Dichloropropane	<1.7		<0.70		<1.6		<0.69		<1.6		<0.73		2.7	90	13	430
1,3,5-Trimethylbenzene	<1.8		<1.6		<1.7		<1.6		<1.7		<1.7		63	2,100	190	6,300
1,3-Butadiene	<0.80		<1.7		<0.76		**4.6**		<0.78		<1.8		0.28	9.3	2.8	93
1,3-Dichlorobenzene	<2.2		<0.77		<2.0		<0.76		<2.1		<0.80		NE	-	-	-
1,4-Dichlorobenzene	<5.4		<2.1		<5.1		**3.5**		<5.3		<2.2		63	2,100	190	6,300
2-Butanone (MEK)	<5.3		<5.2		<5.0		<5.1		**39.1**		<5.4		5,200	170,000	16,000	530,000
2-Hexanone (Methyl butyl ketone)	<7.4		<5.1		<7.0		<5.0		<7.2		<5.3		31	1,000	94	3,100
2-Propanol (Isopropyl alcohol)	**6.0**		<7.1		<4.2		<7.0		**10.8**		<7.4		210	7,000	630	21,000
4-Ethyltoluene	<4.4		<4.3		<4.2		**12.9**		<4.4		<4.4		NE	-	-	-
4-Methyl-2-pentanone (MIBK)	<7.4		<4.3		<7.0		<4.2		<7.2		<4.4		3,100	100,000	9,400	310,000
Acetone	**26.6**		<7.1		**15.4**		<7.0		**222**		<7.4		32,000	1,100,000	97,000	3,200,000
Benzene	**0.82**		**10.4**		<0.55		**11.4**		<0.57		<10.7		4.6	150	46	1,500
Benzyl chloride	<4.7		<0.56		<4.4		<0.55		<4.6		<0.58		0.21	7.0	2.1	70
Bromodichloromethane	<2.4		<4.5		<2.3		<4.4		<2.4		<4.7		21	700	63	2,100
Bromoform	<9.3		<2.3		<8.8		<2.3		<9.1		<2.4		NE	-	-	-
Bromomethane	<1.4		<9.0		<1.3		<8.8		<1.4		<9.3		5.2	170	16	530
Carbon disulfide	<1.1		<1.3		<1.1		<1.3		<1.1		<1.4		830	28,000	2,500	83,000
Carbon tetrachloride	<2.3		<1.1		<2.2		1.8		<2.2		<1.1		1.7	57	17	570
Chlorobenzene	<1.7		<2.2		<1.6		<2.2		<1.6		<2.3		52	1,700	160	5,300
Chloroethane	<0.95		<1.6		<0.90		<1.6		<0.93		<1.7		4,200	140,000	13,000	430,000
Chloroform	<0.88		<0.92		<0.83		<0.90		<0.86		<0.95		100	3,300	310	10,000
Chloromethane	<0.74		<0.85		<0.71		<0.83		<0.73		**3.4**		94	3,100	280	9,300
Cyclohexane	<3.1		<0.72		<2.9		<0.71		<3.0		<0.74		6,300	210,000	19,000	630,000
Dibromochloromethane	<3.1		<3.0		<2.9		<2.9		<3.0		<3.1		NE	-	-	-
Dichlorodifluoromethane	**2.7**		**2.7**		**2.6**		**2.4**		**2.4**		**2.9**		NE	-	-	-
Dichlorotetrafluoroethane	<2.5		<2.4		<2.4		<2.4		<2.5		<2.5		NE	-	-	-
Ethanol	**137**		**3.3**		**95.8**		**8.6**		**61.0**		<3.4		NE	-	-	-
Ethyl acetate	<1.3		<1.3		<1.2		<1.2		**3.2**		<1.3		73	2,400	220	7,300
Ethylbenzene	<1.6		<1.5		<1.5		<1.5		<1.5		<1.6		4.1	140	41	1,400
Hexachloro-1,3-butadiene	<9.6		<9.3		<9.1		<9.1		<9.4		<9.6		NE	-	-	-
Methyl-tert-butyl ether (MTBE)	<6.5		<6.3		<6.1		<6.1		<6.4		<6.5		39	1,300	390	13,000
Methylene Chloride (Dichloromethane)	<15.6		<6.0		<14.8		<5.9		<15.4		<6.2		630	21,000	1,900	63,000
Naphthalene	<4.7		<4.5		<4.5		<4.5		<4.6		<4.7		9.4	310	28	930
Propylene	<0.62		<0.60		<0.59		<0.59		<0.61		<0.62		3,100	100,000	9,400	310,000
Styrene	<1.5		<1.5		<1.5		<1.5		<1.5		<1.5		940	31,000	2,800	93,000
Tetrachloroethene	<1.2		<1.2		<1.2		<1.2		<1.2		<1.2		3.4	110	34	1,100
Tetrahydrofuran	**2.6**		**1.8**		**2.9**		**3.2**		**10.9**		**2.4**		2,100	70,000	6,300	210,000
Toluene	<1.4		**3.3**		<1.3		<1.3		**1.4**		<1.4		4,200	140,000	13,000	430,000
Trichloroethene	<0.97		<0.93		<0.92		<0.92		<0.95		<0.97		2.1	70	6.3	210
Trichlorofluoromethane	<2.0		<1.9		<1.9		<1.9		<2.0		<2.0		1,000	33,000	3,100	100,000
Vinyl acetate	<1.3		<1.2		<1.2		<1.2		<1.2		<1.3		210	7,000	630	21,000
Vinyl chloride	<0.46		<0.44		<0.44		<0.44		<0.45		<0.46		1.7	57	17	570
cis-1,2-Dichloroethene	<1.4		<1.4		<1.4		<1.4		<1.4		<1.4		NE	-	-	-
cis-1,3-Dichloropropene	<1.6		<1.6		<1.6		<1.6		<1.6		<1.6		2.5	83	25	830
m&p-Xylene	<3.1		<3.0		<3.0		**8.2**		<3.1		<3.1		100*	3,300*	310*	10,000*
n-Heptane	<1.5		<1.4		<1.4		<1.4		<1.4		<1.5		420	14,000	1,300	43,000
n-Hexane	<1.3		<1.2		<1.2		<1.2		**2.5**		<1.3		730	24,000	2,200	73,000
o-Xylene	<1.6		<1.5		<1.5		**4.3**		<1.5		<1.6		100*	3,300*	310*	10,000*
trans-1,2-Dichloroethene	<1.4		<1.4		<1.4		<1.4		<1.4		<1.4		NE	-	-	-
trans-1,3-Dichloropropene	<1.6		<1.6		<1.6		<1.6		<1.6		<1.6		2.5	83	25	830

Notes:
Analytical data reported in micrograms per cubic meter (µg/m^3).
Results below the laboratory reporting limits (RLs) were preceded by the less than symbol (<) or listed as not detected (ND).
Bold indicates parameter detected above its respective laboratory reporting limit
Heavy red border indica Heavy red border indicates parameter concentration exceeds 33 times the respective action level criteria.
RL column includes laboratory reporting limits for the respective parameter.
Q column includes laboratory qualifier for specific parameter, if applicable.
PID (ppm) = Photoionization detector (PID) field screening result in parts per million (ppm).
"-" = Not analyzed or applicable.
ISV = Minnesota Pollution Control Agency (MPCA) Intrusion Screening Value (ISV) for Vapor Intrusion Risk Evaluation (May 2019).
NE indicates action levels are not established for the respective parameter.
* The ISVs shown are based on TOTAL Xylenes (combined m&p-Xylene and o-Xylene).
Soil-gas samples collected using laboratory individually certified canisters.

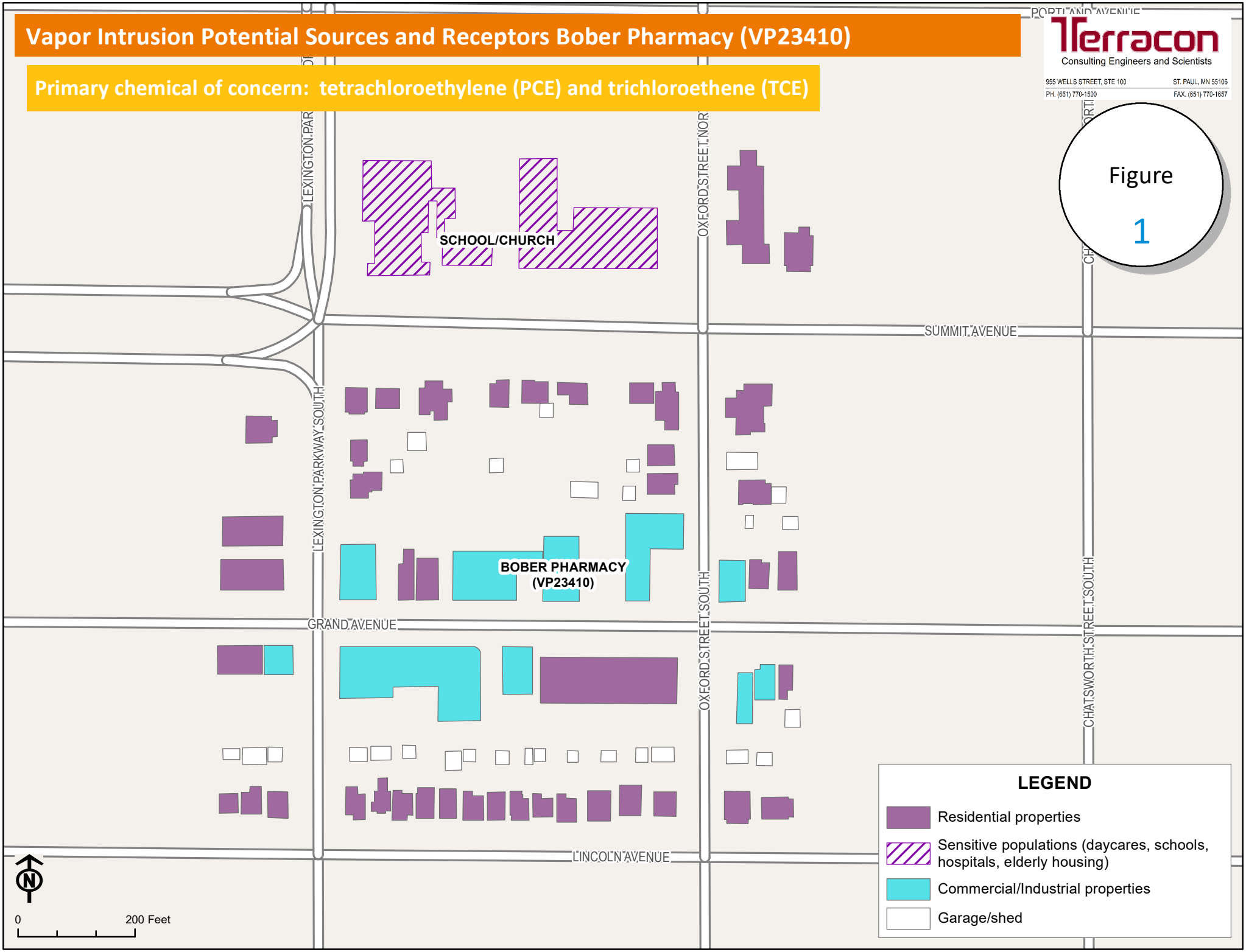
FIGURES

Vapor Intrusion Potential Sources and Receptors Bober Pharmacy (VP23410)

Primary chemical of concern: tetrachloroethylene (PCE) and trichloroethene (TCE)

Terracon
Consulting Engineers and Scientists
955 WELLS STREET, STE 100 ST. PAUL, MN 55106
PH. (651) 770-1500 FAX. (651) 770-1657

Figure 1

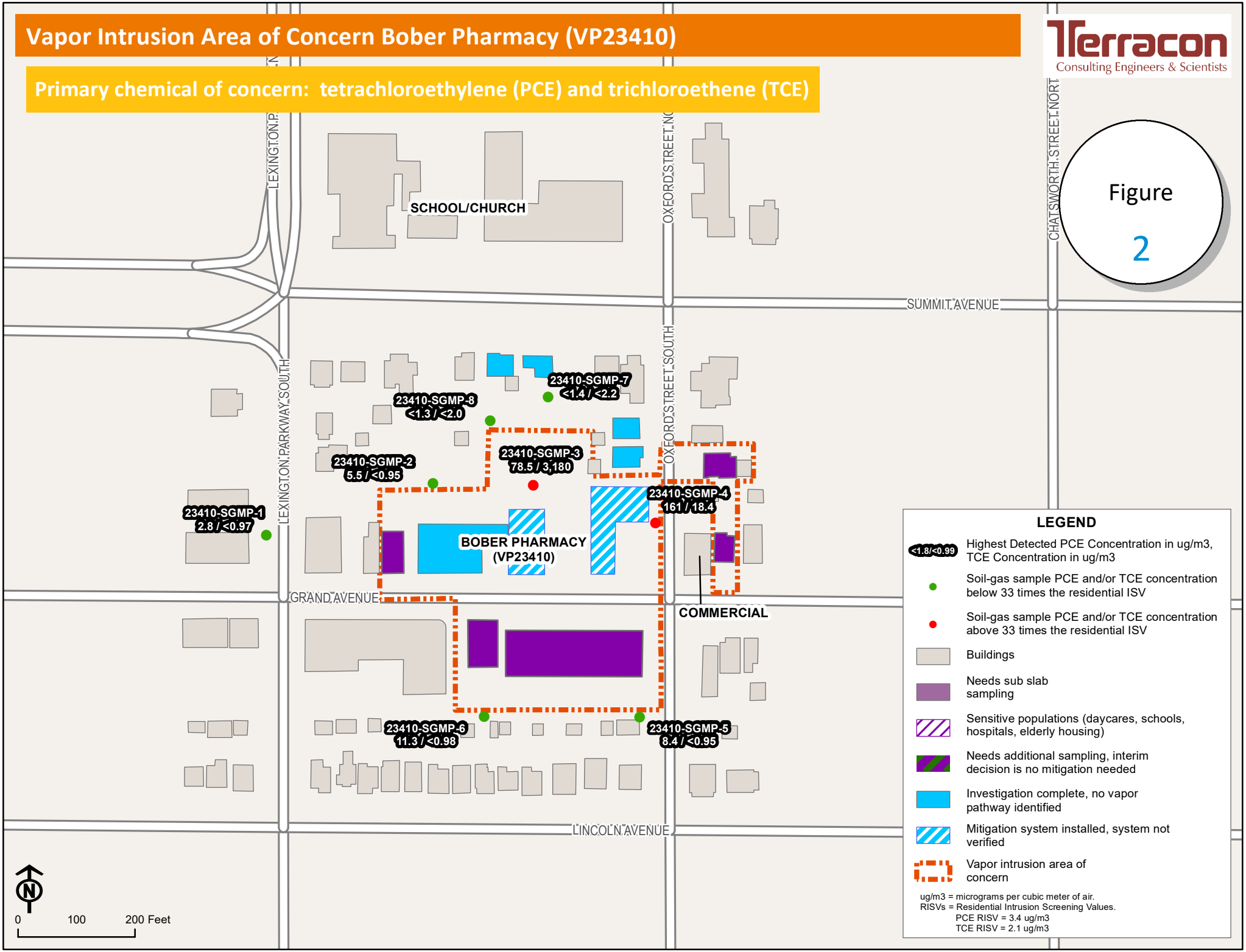


Vapor Intrusion Area of Concern Bober Pharmacy (VP23410)

Primary chemical of concern: tetrachloroethylene (PCE) and trichloroethene (TCE)

Terracon
Consulting Engineers & Scientists

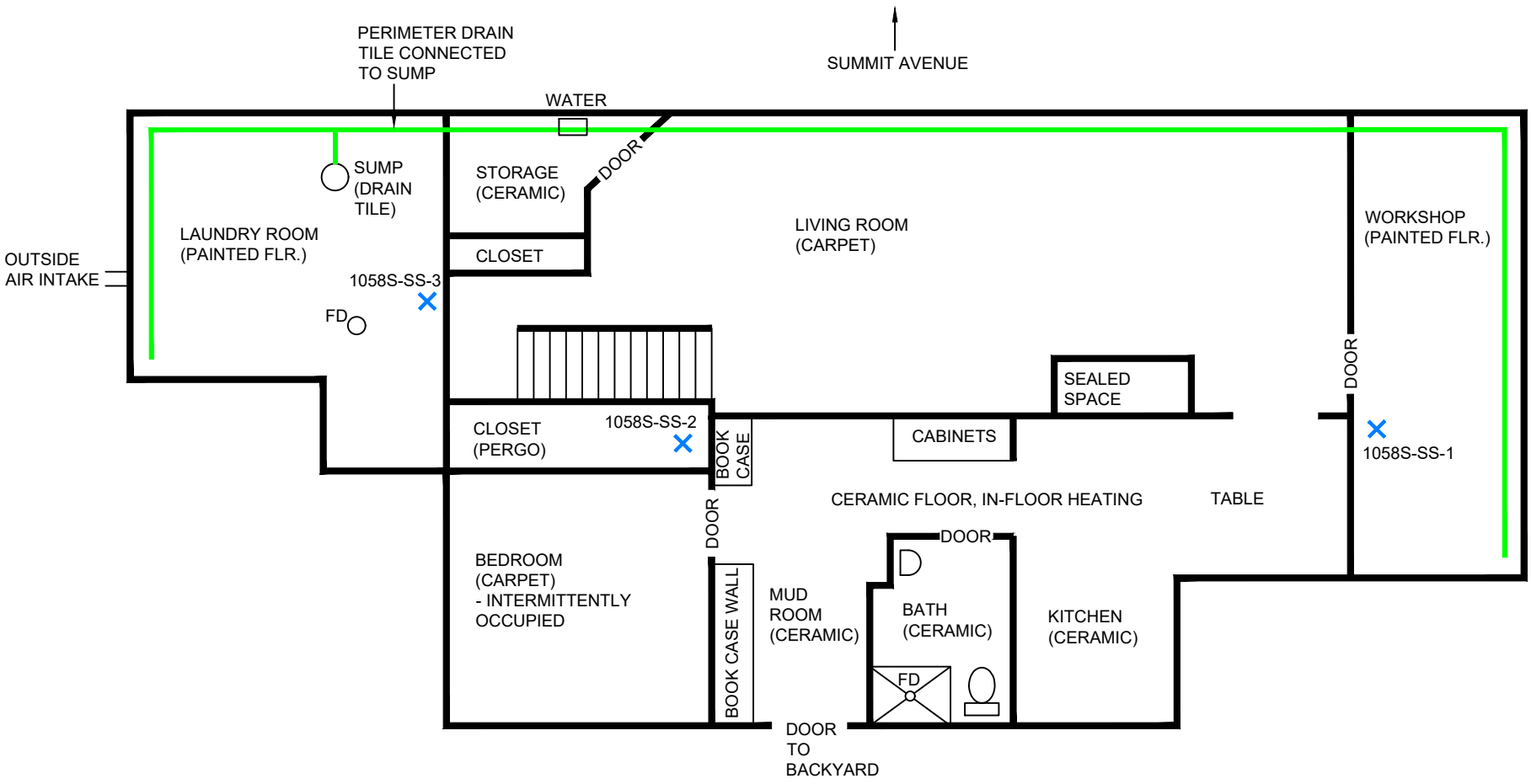
Figure
2



LEGEND

- <1.8/<0.99 — Highest Detected PCE Concentration in ug/m3, TCE Concentration in ug/m3
- Soil-gas sample PCE and/or TCE concentration below 33 times the residential ISV
- Soil-gas sample PCE and/or TCE concentration above 33 times the residential ISV
- Buildings
- Needs sub slab sampling
- Sensitive populations (daycares, schools, hospitals, elderly housing)
- Needs additional sampling, interim decision is no mitigation needed
- Investigation complete, no vapor pathway identified
- Mitigation system installed, system not verified
- Vapor intrusion area of concern

ug/m3 = micrograms per cubic meter of air.
RISVs = Residential Intrusion Screening Values.
PCE RISV = 3.4 ug/m3
TCE RISV = 2.1 ug/m3



LEGEND
✕ SUB-SLAB MONITORING POINTS

PLAN IS BASED ON A FIELD TECHNICIANS OBSERVATIONS AND SKETCH. PLAN IS APPROXIMATE, FIELD VERIFY.

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	JME
Drawn By:	JLM
Checked By:	JME
Approved By:	JME

Project No.	41187193B
Scale:	AS SHOWN
File No.	41187193BC1
Date:	3/2020

Terracon
Consulting Engineers and Scientists
ST.PL: 955 WELLS ST., SUITE 100 ST.PAUL, MN 55106
PH. (651) 770-1500 FAX (651) 770-1657
MPLS: 13400 15th AVE N PLYMOUTH, MN 55441
PH. (763) 489-3100

1058 SUMMIT AVE BASEMENT LAYOUT

BOBER PHARMACY (VP23410)

MPCA

1058 SUMMIT AVENUE

MINNEAPOLIS, MINNESOTA

FIGURE

3

APPENDIX A

MINNESOTA POLLUTION CONTROL AGENCY

520 Lafayette Road North | St. Paul, Minnesota 55155-4194 | 651-296-6300
800-657-3864 | Use your preferred relay service | info.pca@state.mn.us | Ec

Access Agreement

Between Minnesota Pollution Control Agency and Bradley Benson and Jane Baer

RECEIVED
MAY 17 2019
By

Background

The Minnesota Pollution Control Agency (MPCA) is investigating the possible presence of tetrachloroethylene (PCE) and trichloroethylene (TCE) in sub-slab soil vapor on property owned by **Bradley Benson and Jane Baer** located at **1058 Summit Avenue, St. Paul MN 55105-3003** (the "Property") with a Property Identification Number (PIN or PID) of **022823320075**. The MPCA is authorized to enter the Property to take these actions under Minn. Stat. §115B.17, subd. 4 and §115.04, subd. 3.

Agreement

1. **Parties.** The Parties to this Agreement are:

   A. Minnesota Pollution Control Agency (MPCA); and

   B. **Bradley Benson and Jane Baer** (the "Property Owner").

2. **Access.** The Property Owner hereby consents and provides authorization to the MPCA, its employees, agents, and contractors to enter the Property for the following purposes:

A. Installation of a sub-slab vapor sampling point(s) to test for the presence of vapors beneath the Property. To collect samples, those contractors necessary to do the sampling will have to enter the Property to identify the appropriate sampling location(s) in the basement or lowest level of the building.

B. Installation of a sub-slab vapor ventilation system, if contamination is found in the soil gas beneath the building at concentrations above acceptable levels set by the MPCA.

3. **MPCA obligations.** The MPCA will notify the Property Owner at least 48 hours before entering the Property. Work will be conducted during the hours of 8:00 a.m. to 5:00 p.m. unless the MPCA receives permission to conduct work during different hours.

4. **MPCA and Property Owner precautions regarding work.**

   A. The MPCA will conduct its activities so as to avoid unreasonable interference with the use of the Property. If any portion of the Property must be disturbed as a result of MPCA's activities, the MPCA will restore the property as close to its original condition as is reasonably possible under the circumstances.

   B. The Property Owner will take reasonable precautions to ensure that the equipment of MPCA and its contractors on the property is not damaged, and that the work being conducted by MPCA, its employees, agents and contractors is not disrupted.

5. **Property Owner Contact Information**. All correspondence sent to the Property Owner should be addressed to:

Name (please print): Bradley Benson and Jane Baer
Street address or PO Box: 1058 Summit Ave.
City, State ZIP: St. Paul, MN 55105
Phone Number: 651-224-3635-home; 612-716-8348-Jane cell —
e-mail: baerbenson@gmail.com

please do not give phone or email to others

6. **MPCA Contact Information.** The MPCA contact for this project is:

Tim Grape
Remediation Division
MPCA
520 Lafayette Rd. N.
Saint Paul, MN 55155-4194
Telephone: (651) 757-2893
Email: timothy.grape@state.mn.us

7. **MPCA Liability.** The MPCA shall be liable for injury to or loss of property, or personal injury or death, caused by an act or omission of any employee of the State in the performance of the work described above, under the circumstances where the State, if a private person, would be liable to the claimant, in accordance with Minn. Stat. § 3.736.

8. **Effective Date.** This Agreement shall be effective upon the date it is signed by the MPCA.

9. **Rights of MPCA Reserved.** Nothing in this Agreement shall be construed to limit or diminish the right of the MPCA to take any action authorized by the Minnesota Environmental Response and Liability Act (MERLA) or other law with respect to any release or threatened release of a hazardous substance or pollutant or contaminant.

Certification

By their signatures below, the undersigned represent that they have authority to bind the parties they represent, their agents, successors, and assigns.

Minnesota Pollution Control Agency

Print name: Hans Vove

Title: Manager

Signature:

Date: 5/17/19

Property Owner

Print name: Jane Baer

Title: homeowner/property owner

Signature:

Date: 5-16-19

APPENDIX B

Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

Vapor Intrusion Building SurveyForm

Remediation Program

Doc Type: Site Inspection Information

Preparer's name: Justin Enwall Date/Time prepared: 2/5/2020

Affiliation: Terracon Consultants, Inc. Phone number: 651-894-6633

Email: justin.enwall@terracon.com

Part 1: Property owner & building occupant information

1. Owner/Landlord information (Check if same as occupant: ☒)

Occupant name(s): Jane Baer and Bradley Benson Interviewed: ☒ Yes ☐ No

Mailing address: 1058 Summit Avenue

City: St. Paul State: MN Zip code: 55105

Home phone: 651-224-3635 Office phone:

2. Occupant information

Occupant name(s): Interviewed: ☐ Yes ☐ No

Mailing address:

City: State: Zip code:

Phone: Fax: Email: baerbenson@gmail.com

Number of occupants at this location: Not recorded Age range of occupants: Teenager to adult

Part 2: Building evaluation

3. Building use (Check appropriate response)

☒ Residential ☐ Child/Day Care ☐ School ☐ Church ☐ Hospital ☐ Long-term care facility ☐ Correctional facility
☐ Commercial ☐ Industrial
☐ Other (specify):

If the property is residential, what type? (Check appropriate response)

☐ Ranch rambler ☐ Raised rambler ☐ Townhouses/Condos ☐ Duplex ☐ Modular ☐ 2-Family
☐ Split level ☐ Contemporary ☐ Apartment house ☐ Cape cod ☐ Log home ☐ 3-Family
☐ Colonial ☐ Mobile home ☒ Other (specify): 1 1/2 Story

4. Building description

If the property is commercial or industrial, describe the business use(s):

NA

Indicate the number of floors and general use of each floor of the building beginning with lowest level:

Basement - utility room, living room, mud room, kitchen, living room, workroom, 1 bedroom (intermittent occupancy when they host teaching assistant), bathroom Main Floor - living room, sunroom, kitchen, dining room, bathroom, 2 bedrooms 1/2 floor - 3 bedrooms, bathroom

If there are multiple residential units, indicate how many units: NA When was building constructed: 1910, 1952

Type of insulation used in building: none Elevators or lifts: ☐ Yes ☒ No

Basement/Lowest level depth below grade: at grade portion south, 8 feet north (feet)

Observed basement characteristics (Check all that apply)

Is basement/lowest level occupied:	☐ Full time	☒ Occasionally	☐ Almost never		
Bedrooms in the basement/lowest level:	☒ Yes ☐ No	If yes, are the bedrooms occupied regularly: ☐ Yes ☒ No			
Basement type:	☒ Full	☐ Partial	☐ Slab	☐ Other:	
Floor materials:	☒ Concrete	☐ Dirt	☐ Stone	☐ Other:	
Floor covering:	☒ Uncovered	☒ Covered	☐ Covered with:	tile, carpet, bare floor	
Concrete floor:	☒ Unsealed	☐ Sealed	☐ Sealed with:		
Foundation walls:	☐ Poured	☒ Block	☐ Stone	☐ Other:	
Basement finished:	☐ Unfinished	☒ Finished	☐ Partially finished		
Basement wetness:	☐ Wet	☐ Damp	☒ Seldom	☐ Moldy	
Sump pump present:	☒ Yes ☐ No	If yes, was water present: ☐ Yes ☐ No			

Sealed sump connected to perimeter drain tile in laundry room. Located under shelving and items. Not opened to review if water present.

Are there any crawl spaces present:	☐ Yes ☒ No	If yes, describe the crawl space floor conditions (earth, concrete, etc.) and construction (walls, use, connectivity to building, etc.) and illustrate location on the attached grid plans:
Have there been any building additions	☐ Yes ☒ No	Describe addition construction including how it ties to the existing floor plan (footings, slab connectivity, etc.) illustrate locations of additions on the attached grid plans: House originally built in ~1910, then moved in 1952 to current location. This is why there is block wall construction

Thickness of the concrete floor slab in the lowest level(s): 4 Inches.

Soil type present beneath the building: sand

Is there evidence of saturated or high moisture conditions beneath the floor slab? ☐ Yes ☒ No

If yes, explain:

Indicate sources of water supply sources (i.e., drinking, irrigation, etc.) and type of sewage disposal
(Check all that apply)

Water supply:	☒ Public water	☐ Drilled well	☐ Driven well	☐ Dug well
Sewage disposal:	☒ Public sewer	☐ Septic tank	☐ Leach field	☐ Dry well

5. Heating, venting, air conditioning, or other building controls (Check all that apply)

Type of heating system(s) used in this building (Check all that apply)

☐ Hot air circulation	☐ Space heaters	☐ Electric baseboard	☒ In-floor heating	☐ Heat pump
☒ Steam radiation	☐ Wood stove	☐ Hot water baseboard	☐ Radiant floor	☐ Outdoor wood boiler

☐ Other (specify): **Primary type:**

Primary type of fuel used (Check appropriate response)

☒ Natural gas ☐ Fuel oil ☐ Kerosene ☐ Electric ☐ Propane

☐ Solar ☐ Wood ☐ Coal

If hot water tank present, indicate fuel source: Natural gas

Boiler/furnace is located in: ☒ Basement ☐ Outdoors ☐ Main floor ☐ Other: _____

Type of air conditioning: ☒ Central air ☐ Window units ☐ Open windows ☐ No mechanical system

Is outside replacement (make-up) air provided for combustion appliances? ☒ Yes ☐ No

If no, explain:

Are there air distribution ducts present? ☒ Yes ☐ No

Describe the supply and cold air return ductwork and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram:

No ducts for radiant heat. There are central air ducts. Not reviewed as part of tis scope of work.

Describe the type of mechanical ventilation systems used within or for the building (e.g., air-to-air exchangers, HVAC, etc.). Indicate whether the interior spaces of the building use separate ventilation systems and/or controls. Provide information on any existing building mitigation system (e.g., radon mitigation, passive venting systems, etc.). If available, provide information on air exchange rates for any existing mechanical ventilation systems currently in use.

None. There are fans in bathroom and hood in kitchen.

6. Summary of potential building vapor intrusion entry points

Earthen floors or incompetent floor slabs in the lowest level of building	☐ Yes ☒ No
Sumps (unsealed)	☐ Yes ☒ No
Large utility penetrations through floor and/or walls with exposure to sub-surface soils	☐ Yes ☒ No
Crawl spaces with earthen floors or incompetent floor conditions	☐ Yes ☒ No
Other (describe)	☐ Yes ☒ No

Perimeter drain tile system installed due to water intrusion when first moved into home. No water intrusion issues since.

Connected to sump in laundry/utility room. Sump appears sealed based on presence of bolts on cover.

7. Is the use of the vapor intrusion attenuation factor (33X ISV screening level) valid for this building based on the above building conditions? ☒ Yes ☐ No

8. Grid plans

Use grid plans to describe floor plans, locate potential soil vapor entry points (e.g., cracks, utility ports, drains); and if applicable, identify sample locations (sub-slab, indoor air, outdoor air sampling).

Floor plan for basement or lowest level at property address: 1058 Summit

See attached basement plan.

Scale: _____ **North (indicate direction):** _____

Floor above lowest level at property address: 1058 Summit

Not reviewed under this scope of work.

Scale: _____ **North (indicate direction):** _____

Outdoor grid plot (Include if outdoor ambient air samples collected):

Insert sketch (or attach separate document) of the area outside the building and locate outdoor air sample locations.
If applicable, provide information on spill locations, potential air contamination sources, locations of wells, septic system, etc., and PID meter readings. Indicate wind direction and speed during sampling.

See site map.

Part 3: Indoor Air Quality Survey

Complete if indoor air sampling is conducted (use grids in Part 1 for labeling sampling locations).

Factors that may influence indoor air quality:

Is there an attached garage:	☐ Yes ☒ No		
Are petroleum-powered machines or vehicles stored in the garage (e.g., lawn mower, ATV, car):	☐ Yes ☐ No	Please specify:	NA
Has the building ever had a fire:	☐ Yes ☒ No	When:	
Is a kerosene or unvented gas space heater present:	☐ Yes ☒ No	Where & type:	
Is there smoking in the building:	☐ Yes ☒ No	How frequently:	
Have cleaning products been used recently:	☒ Yes ☐ No	When & type:	Normal schedule, attempts to use less harsh chemical products
Have cosmetic products been used recently:	☒ Yes ☐ No	When & type:	Normal use
Has painting/staining been done in the last 6 months:	☒ Yes ☐ No	Where & when:	Main floor, not basement
Has any remodeling or construction occurred in the last 6 months:	☐ Yes ☒ No	Where & when:	
Is there new carpet, drapes, or other textiles:	☐ Yes ☒ No	Where & when:	
Have air fresheners been used recently:	☐ Yes ☒ No	When & type:	

Is there a clothes dryer: ☒ Yes ☐ No If yes, is it vented outside: Yes

Are there odors in the building: ☐ Yes ☒ No If yes, please describe: Heavy rains sometimes musty, mercaptan like odor occassionally that was checked by Xcel

Do any of the building occupants use solvents at work: ☐ Yes ☒ No

If yes, what types of solvents are used: NA

Do any of the building occupants regularly use or work at a dry-cleaning service: ☒ Yes ☐ No

If yes, indicate approximately how frequent: Rarely, use a service that is green based

Product inventory form (Add additional rows if needed)

Make and model of field instrument used: Not performed

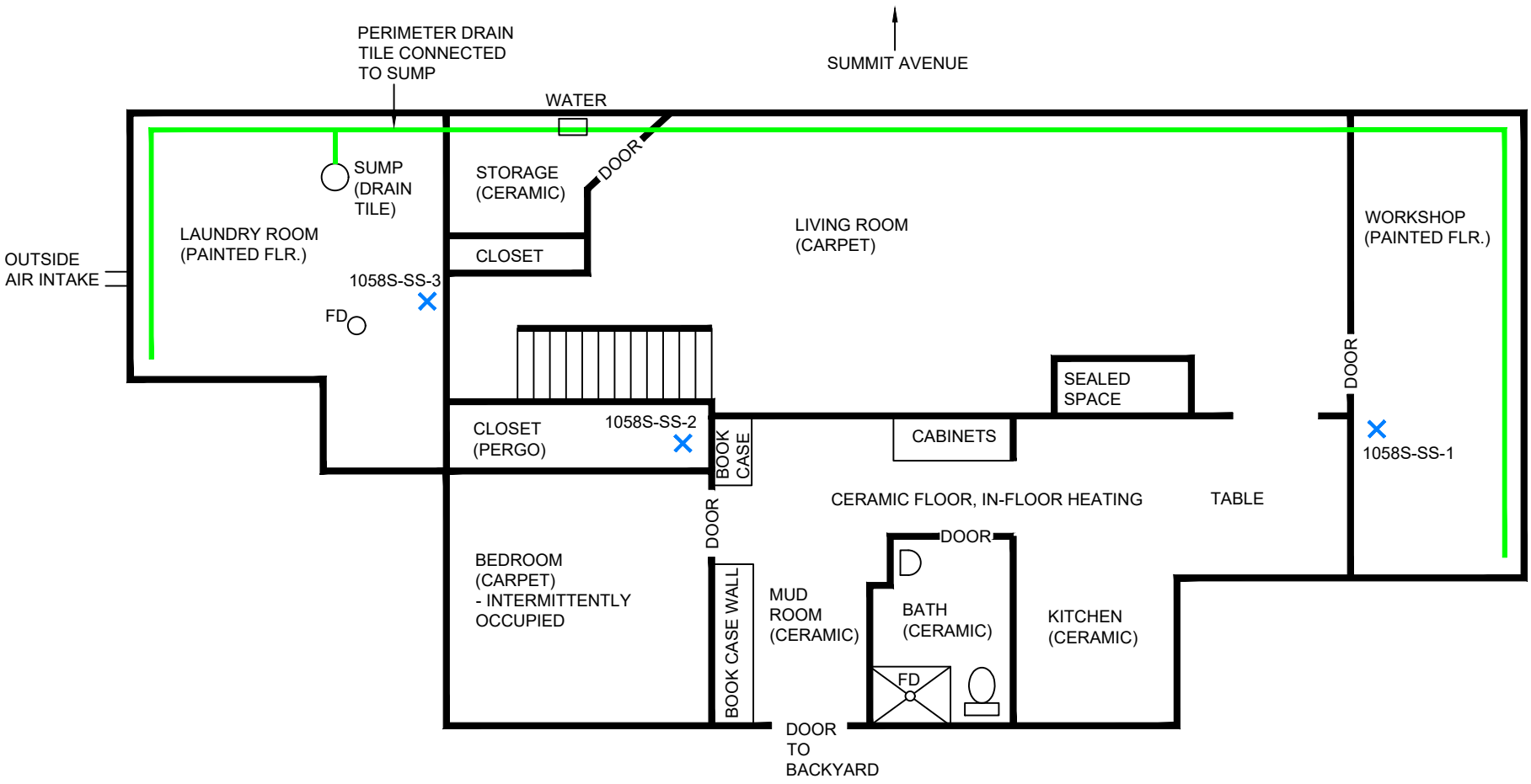
List specific products identified in the building that have the potential to affect indoor air quality (add or delete rows as needed):

Location	Product description*	Comments	Instrument readings if taken and units
Workshop area		Various painting and staining chemicals	-
Laundry Room		Various laundry related detergents and products	-

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D). Include photographs of product containers as appropriate to document products and ingredients.

Location	Product description*	Comments	Instrument readings if taken and units

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).
Include photographs of product containers as appropriate to document products and ingredients.



LEGEND
✕ SUB-SLAB MONITORING POINTS

PLAN IS BASED ON A FIELD TECHNICIANS OBSERVATIONS AND SKETCH. PLAN IS APPROXIMATE, FIELD VERIFY.

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	JME
Drawn By:	JLM
Checked By:	JME
Approved By:	JME

Project No.	41187193B
Scale:	AS SHOWN
File No.	41187193BC1
Date:	3/2020

Terracon
Consulting Engineers and Scientists
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PH. (651) 770-1500 FAX (651) 770-1657
MPLS: 13400 15th AVE N PLYMOUTH, MN 55441
PH. (763) 489-3100

1058 SUMMIT AVE BASEMENT LAYOUT

BOBER PHARMACY (VP23410)

MPCA

1058 SUMMIT AVENUE

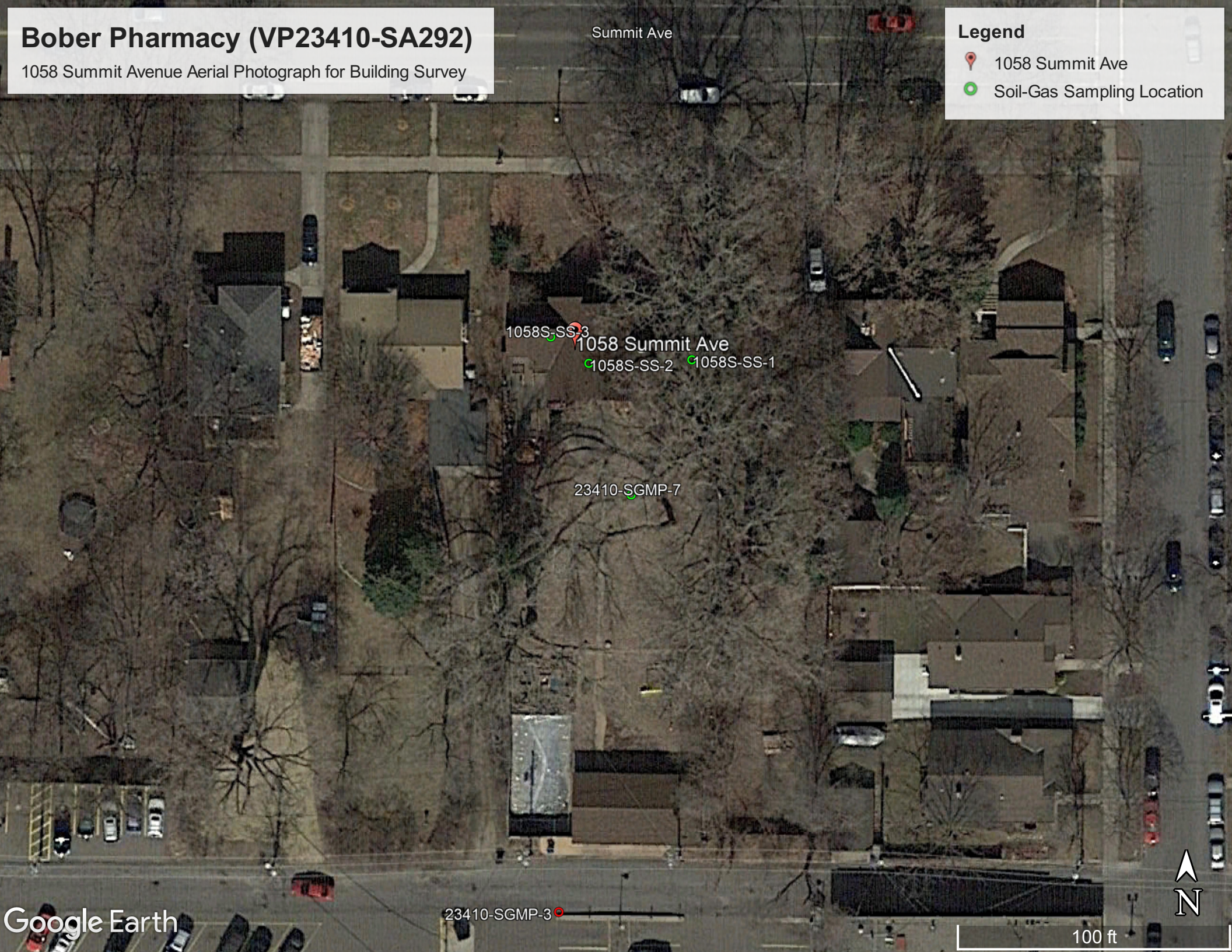
MINNEAPOLIS, MINNESOTA

FIGURE

3

Bober Pharmacy (VP23410-SA292)

1058 Summit Avenue Aerial Photograph for Building Survey



APPENDIX C

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

March 05, 2020

Justin Enwall
Terracon Consultants, Inc.
955 Wells St
Suite 100
Saint Paul, MN 55106

RE: Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Dear Justin Enwall:
Enclosed are the analytical results for sample(s) received by the laboratory on February 21, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amanda Albrecht
amanda.albrecht@pacelabs.com
(612)607-6382
Project Manager

Enclosures

cc: Accounts Payable, Terracon Consultants, Inc.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Massachusetts DWP Certification #: via MN 027-053-137
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10509494001	**1058S-SS-1**	Air	02/21/20 10:16	02/21/20 15:10
10509494002	**1058S-SS-1 Cert #3769**	Air	02/21/20 10:16	02/21/20 15:10
10509494003	**1058S-SS-2**	Air	02/21/20 10:20	02/21/20 15:10
10509494004	**1058S-SS-2 Cert #3701**	Air	02/21/20 10:20	02/21/20 15:10
10509494005	**1058S-SS-3**	Air	02/21/20 10:21	02/21/20 15:10
10509494006	**1058S-SS-3 Cert #3755**	Air	02/21/20 10:21	02/21/20 15:10

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10509494001	**1058S-SS-1**	TO-15	MLS	61
10509494002	**1058S-SS-1 Cert #3769**	TO-15	AC1	61
10509494003	**1058S-SS-2**	TO-15	MLS	61
10509494004	**1058S-SS-2 Cert #3701**	TO-15	MLS	61
10509494005	**1058S-SS-3**	TO-15	MLS	61
10509494006	**1058S-SS-3 Cert #3755**	TO-15	MLS	61

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Date: March 05, 2020

1058S-SS-1 (Lab ID: 10509494001)

- K3: The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

1058S-SS-2 (Lab ID: 10509494003)

- K3: The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

1058S-SS-3 (Lab ID: 10509494005)

- K3: The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Method: **TO-15**
Description: TO15 MSV AIR
Client: Terracon Consultants, Inc - St. Paul
Date: March 05, 2020

General Information:
3 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 663227

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- LCS (Lab ID: 3558065)
  - 1,2,4-Trichlorobenzene

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 663227

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

- LCS (Lab ID: 3558065)
  - Bromoform
  - trans-1,3-Dichloropropene

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 663227

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3558065)
  - Bromoform

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Method: **TO-15**
Description: Individual Can Certification
Client: Terracon Consultants, Inc - St. Paul
Date: March 05, 2020

General Information:
3 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-1 **Lab ID: 10509494001** Collected: 02/21/20 10:16 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**26.6**	ug/m3	4.3	2.1	1.77		03/04/20 18:10	67-64-1	
Benzene	**0.82**	ug/m3	0.58	0.27	1.77		03/04/20 18:10	71-43-2	
Benzyl chloride	ND	ug/m3	4.7	2.1	1.77		03/04/20 18:10	100-44-7	
Bromodichloromethane	ND	ug/m3	2.4	0.65	1.77		03/04/20 18:10	75-27-4	
Bromoform	ND	ug/m3	9.3	2.5	1.77		03/04/20 18:10	75-25-2	
Bromomethane	ND	ug/m3	1.4	0.40	1.77		03/04/20 18:10	74-83-9	
1,3-Butadiene	ND	ug/m3	0.80	0.23	1.77		03/04/20 18:10	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.3	0.65	1.77		03/04/20 18:10	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.39	1.77		03/04/20 18:10	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.3	0.76	1.77		03/04/20 18:10	56-23-5	
Chlorobenzene	ND	ug/m3	1.7	0.49	1.77		03/04/20 18:10	108-90-7	
Chloroethane	ND	ug/m3	0.95	0.46	1.77		03/04/20 18:10	75-00-3	
Chloroform	ND	ug/m3	0.88	0.35	1.77		03/04/20 18:10	67-66-3	
Chloromethane	ND	ug/m3	0.74	0.28	1.77		03/04/20 18:10	74-87-3	
Cyclohexane	ND	ug/m3	3.1	0.62	1.77		03/04/20 18:10	110-82-7	
Dibromochloromethane	ND	ug/m3	3.1	1.3	1.77		03/04/20 18:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.4	0.65	1.77		03/04/20 18:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.2	0.88	1.77		03/04/20 18:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.2	1.0	1.77		03/04/20 18:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.4	1.8	1.77		03/04/20 18:10	106-46-7	
Dichlorodifluoromethane	**2.7**	ug/m3	1.8	0.52	1.77		03/04/20 18:10	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.5	0.40	1.77		03/04/20 18:10	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.73	0.27	1.77		03/04/20 18:10	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.48	1.77		03/04/20 18:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.39	1.77		03/04/20 18:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.50	1.77		03/04/20 18:10	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.7	0.41	1.77		03/04/20 18:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.54	1.77		03/04/20 18:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.78	1.77		03/04/20 18:10	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.5	0.77	1.77		03/04/20 18:10	76-14-2	
Ethanol	**137**	ug/m3	3.4	1.4	1.77		03/04/20 18:10	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.34	1.77		03/04/20 18:10	141-78-6	
Ethylbenzene	ND	ug/m3	1.6	0.54	1.77		03/04/20 18:10	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.4	1.0	1.77		03/04/20 18:10	622-96-8	
n-Heptane	ND	ug/m3	1.5	0.67	1.77		03/04/20 18:10	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.6	3.5	1.77		03/04/20 18:10	87-68-3	
n-Hexane	ND	ug/m3	1.3	0.55	1.77		03/04/20 18:10	110-54-3	
2-Hexanone	ND	ug/m3	7.4	1.3	1.77		03/04/20 18:10	591-78-6	
Methylene Chloride	ND	ug/m3	15.6	2.1	1.77		03/04/20 18:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.4	0.92	1.77		03/04/20 18:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.5	1.2	1.77		03/04/20 18:10	1634-04-4	
Naphthalene	ND	ug/m3	4.7	2.3	1.77		03/04/20 18:10	91-20-3	
2-Propanol	**6.0**	ug/m3	4.4	1.2	1.77		03/04/20 18:10	67-63-0	
Propylene	ND	ug/m3	0.62	0.25	1.77		03/04/20 18:10	115-07-1	
Styrene	ND	ug/m3	1.5	0.61	1.77		03/04/20 18:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.55	1.77		03/04/20 18:10	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-1 **Lab ID: 10509494001** Collected: 02/21/20 10:16 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	ND	ug/m3	1.2	0.56	1.77		03/04/20 18:10	127-18-4	
Tetrahydrofuran	**2.6**	ug/m3	1.1	0.46	1.77		03/04/20 18:10	109-99-9	
Toluene	ND	ug/m3	1.4	0.62	1.77		03/04/20 18:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	13.3	6.6	1.77		03/04/20 18:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.55	1.77		03/04/20 18:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.98	0.43	1.77		03/04/20 18:10	79-00-5	
Trichloroethene	ND	ug/m3	0.97	0.45	1.77		03/04/20 18:10	79-01-6	
Trichlorofluoromethane	ND	ug/m3	2.0	0.65	1.77		03/04/20 18:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.8	1.0	1.77		03/04/20 18:10	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.8	0.80	1.77		03/04/20 18:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.8	0.71	1.77		03/04/20 18:10	108-67-8	
Vinyl acetate	ND	ug/m3	1.3	0.48	1.77		03/04/20 18:10	108-05-4	
Vinyl chloride	ND	ug/m3	0.46	0.22	1.77		03/04/20 18:10	75-01-4	
m&p-Xylene	ND	ug/m3	3.1	1.2	1.77		03/04/20 18:10	179601-23-1	
o-Xylene	ND	ug/m3	1.6	0.61	1.77		03/04/20 18:10	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-1 Cert #3769 **Lab ID: 10509494002** Collected: 02/21/20 10:16 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		02/12/20 17:43	67-64-1	
Benzene	ND	ug/m3	0.32	0.15	1		02/12/20 17:43	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		02/12/20 17:43	100-44-7	
Bromodichloromethane	ND	ug/m3	1.4	0.37	1		02/12/20 17:43	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		02/12/20 17:43	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		02/12/20 17:43	74-83-9	
1,3-Butadiene	ND	ug/m3	0.45	0.13	1		02/12/20 17:43	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		02/12/20 17:43	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		02/12/20 17:43	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	0.43	1		02/12/20 17:43	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		02/12/20 17:43	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		02/12/20 17:43	75-00-3	
Chloroform	ND	ug/m3	0.50	0.20	1		02/12/20 17:43	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		02/12/20 17:43	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		02/12/20 17:43	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		02/12/20 17:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.78	0.37	1		02/12/20 17:43	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		02/12/20 17:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		02/12/20 17:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		02/12/20 17:43	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		02/12/20 17:43	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.82	0.22	1		02/12/20 17:43	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.41	0.15	1		02/12/20 17:43	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.81	0.27	1		02/12/20 17:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.81	0.22	1		02/12/20 17:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.81	0.28	1		02/12/20 17:43	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.94	0.23	1		02/12/20 17:43	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.92	0.30	1		02/12/20 17:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.92	0.44	1		02/12/20 17:43	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		02/12/20 17:43	76-14-2	
Ethanol	ND	ug/m3	4.8	0.81	1		02/12/20 17:43	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		02/12/20 17:43	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		02/12/20 17:43	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		02/12/20 17:43	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		02/12/20 17:43	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		02/12/20 17:43	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		02/12/20 17:43	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		02/12/20 17:43	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		02/12/20 17:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		02/12/20 17:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		02/12/20 17:43	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		02/12/20 17:43	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		02/12/20 17:43	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		02/12/20 17:43	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		02/12/20 17:43	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.70	0.31	1		02/12/20 17:43	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-1 Cert #3769 **Lab ID: 10509494002** Collected: 02/21/20 10:16 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
Tetrachloroethene	ND	ug/m3	0.69	0.31	1		02/12/20 17:43	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		02/12/20 17:43	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		02/12/20 17:43	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		02/12/20 17:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.1	0.31	1		02/12/20 17:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.56	0.24	1		02/12/20 17:43	79-00-5	
Trichloroethene	ND	ug/m3	0.55	0.25	1		02/12/20 17:43	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		02/12/20 17:43	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		02/12/20 17:43	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		02/12/20 17:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		02/12/20 17:43	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		02/12/20 17:43	108-05-4	
Vinyl chloride	ND	ug/m3	0.26	0.13	1		02/12/20 17:43	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		02/12/20 17:43	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		02/12/20 17:43	95-47-6	

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ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-2 **Lab ID: 10509494003** Collected: 02/21/20 10:20 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**15.4**	ug/m3	4.0	2.0	1.68		03/04/20 19:07	67-64-1	
Benzene	ND	ug/m3	0.55	0.26	1.68		03/04/20 19:07	71-43-2	
Benzyl chloride	ND	ug/m3	4.4	2.0	1.68		03/04/20 19:07	100-44-7	
Bromodichloromethane	ND	ug/m3	2.3	0.61	1.68		03/04/20 19:07	75-27-4	
Bromoform	ND	ug/m3	8.8	2.4	1.68		03/04/20 19:07	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.38	1.68		03/04/20 19:07	74-83-9	
1,3-Butadiene	ND	ug/m3	0.76	0.22	1.68		03/04/20 19:07	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.0	0.62	1.68		03/04/20 19:07	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.37	1.68		03/04/20 19:07	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.2	0.72	1.68		03/04/20 19:07	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.46	1.68		03/04/20 19:07	108-90-7	
Chloroethane	ND	ug/m3	0.90	0.44	1.68		03/04/20 19:07	75-00-3	
Chloroform	ND	ug/m3	0.83	0.33	1.68		03/04/20 19:07	67-66-3	
Chloromethane	ND	ug/m3	0.71	0.26	1.68		03/04/20 19:07	74-87-3	
Cyclohexane	ND	ug/m3	2.9	0.59	1.68		03/04/20 19:07	110-82-7	
Dibromochloromethane	ND	ug/m3	2.9	1.2	1.68		03/04/20 19:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.3	0.61	1.68		03/04/20 19:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	0.84	1.68		03/04/20 19:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.0	0.98	1.68		03/04/20 19:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.1	1.7	1.68		03/04/20 19:07	106-46-7	
Dichlorodifluoromethane	**2.6**	ug/m3	1.7	0.49	1.68		03/04/20 19:07	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.4	0.38	1.68		03/04/20 19:07	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.69	0.25	1.68		03/04/20 19:07	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.46	1.68		03/04/20 19:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.37	1.68		03/04/20 19:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.48	1.68		03/04/20 19:07	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	0.39	1.68		03/04/20 19:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.51	1.68		03/04/20 19:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.74	1.68		03/04/20 19:07	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	0.73	1.68		03/04/20 19:07	76-14-2	
Ethanol	**95.8**	ug/m3	3.2	1.4	1.68		03/04/20 19:07	64-17-5	
Ethyl acetate	ND	ug/m3	1.2	0.32	1.68		03/04/20 19:07	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.51	1.68		03/04/20 19:07	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.2	0.96	1.68		03/04/20 19:07	622-96-8	
n-Heptane	ND	ug/m3	1.4	0.64	1.68		03/04/20 19:07	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.1	3.3	1.68		03/04/20 19:07	87-68-3	
n-Hexane	ND	ug/m3	1.2	0.52	1.68		03/04/20 19:07	110-54-3	
2-Hexanone	ND	ug/m3	7.0	1.3	1.68		03/04/20 19:07	591-78-6	
Methylene Chloride	ND	ug/m3	14.8	2.0	1.68		03/04/20 19:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.0	0.87	1.68		03/04/20 19:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.1	1.1	1.68		03/04/20 19:07	1634-04-4	
Naphthalene	ND	ug/m3	4.5	2.2	1.68		03/04/20 19:07	91-20-3	
2-Propanol	ND	ug/m3	4.2	1.2	1.68		03/04/20 19:07	67-63-0	
Propylene	ND	ug/m3	0.59	0.24	1.68		03/04/20 19:07	115-07-1	
Styrene	ND	ug/m3	1.5	0.58	1.68		03/04/20 19:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.52	1.68		03/04/20 19:07	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-2 **Lab ID: 10509494003** Collected: 02/21/20 10:20 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	ND	ug/m3	1.2	0.53	1.68		03/04/20 19:07	127-18-4	
Tetrahydrofuran	**2.9**	ug/m3	1.0	0.44	1.68		03/04/20 19:07	109-99-9	
Toluene	ND	ug/m3	1.3	0.59	1.68		03/04/20 19:07	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.7	6.2	1.68		03/04/20 19:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	0.52	1.68		03/04/20 19:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.93	0.41	1.68		03/04/20 19:07	79-00-5	
Trichloroethene	ND	ug/m3	0.92	0.43	1.68		03/04/20 19:07	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.9	0.61	1.68		03/04/20 19:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.6	0.95	1.68		03/04/20 19:07	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.7	0.76	1.68		03/04/20 19:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.7	0.67	1.68		03/04/20 19:07	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.45	1.68		03/04/20 19:07	108-05-4	
Vinyl chloride	ND	ug/m3	0.44	0.21	1.68		03/04/20 19:07	75-01-4	
m&p-Xylene	ND	ug/m3	3.0	1.2	1.68		03/04/20 19:07	179601-23-1	
o-Xylene	ND	ug/m3	1.5	0.58	1.68		03/04/20 19:07	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-2 Cert #3701 **Lab ID: 10509494004** Collected: 02/21/20 10:20 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
Acetone	ND	ug/m3	6.0	1.2	1		02/12/20 19:15	67-64-1	
Benzene	ND	ug/m3	0.32	0.15	1		02/12/20 19:15	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		02/12/20 19:15	100-44-7	
Bromodichloromethane	ND	ug/m3	1.4	0.37	1		02/12/20 19:15	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		02/12/20 19:15	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		02/12/20 19:15	74-83-9	
1,3-Butadiene	ND	ug/m3	0.45	0.13	1		02/12/20 19:15	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		02/12/20 19:15	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		02/12/20 19:15	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	0.43	1		02/12/20 19:15	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		02/12/20 19:15	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		02/12/20 19:15	75-00-3	
Chloroform	ND	ug/m3	0.50	0.20	1		02/12/20 19:15	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		02/12/20 19:15	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		02/12/20 19:15	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		02/12/20 19:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.78	0.37	1		02/12/20 19:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		02/12/20 19:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		02/12/20 19:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		02/12/20 19:15	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		02/12/20 19:15	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.82	0.22	1		02/12/20 19:15	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.41	0.15	1		02/12/20 19:15	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.81	0.27	1		02/12/20 19:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.81	0.22	1		02/12/20 19:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.81	0.28	1		02/12/20 19:15	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.94	0.23	1		02/12/20 19:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.92	0.30	1		02/12/20 19:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.92	0.44	1		02/12/20 19:15	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		02/12/20 19:15	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		02/12/20 19:15	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		02/12/20 19:15	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		02/12/20 19:15	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		02/12/20 19:15	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		02/12/20 19:15	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		02/12/20 19:15	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		02/12/20 19:15	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		02/12/20 19:15	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		02/12/20 19:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		02/12/20 19:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		02/12/20 19:15	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		02/12/20 19:15	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		02/12/20 19:15	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		02/12/20 19:15	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		02/12/20 19:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.70	0.31	1		02/12/20 19:15	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-2 Cert #3701 **Lab ID: 10509494004** Collected: 02/21/20 10:20 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
Tetrachloroethene	ND	ug/m3	0.69	0.31	1		02/12/20 19:15	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		02/12/20 19:15	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		02/12/20 19:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		02/12/20 19:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.1	0.31	1		02/12/20 19:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.56	0.24	1		02/12/20 19:15	79-00-5	
Trichloroethene	ND	ug/m3	0.55	0.25	1		02/12/20 19:15	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		02/12/20 19:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		02/12/20 19:15	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		02/12/20 19:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		02/12/20 19:15	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		02/12/20 19:15	108-05-4	
Vinyl chloride	ND	ug/m3	0.26	0.13	1		02/12/20 19:15	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		02/12/20 19:15	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		02/12/20 19:15	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-3 **Lab ID: 10509494005** Collected: 02/21/20 10:21 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**222**	ug/m3	4.2	2.1	1.74		03/04/20 19:35	67-64-1	
Benzene	ND	ug/m3	0.57	0.27	1.74		03/04/20 19:35	71-43-2	
Benzyl chloride	ND	ug/m3	4.6	2.1	1.74		03/04/20 19:35	100-44-7	
Bromodichloromethane	ND	ug/m3	2.4	0.64	1.74		03/04/20 19:35	75-27-4	
Bromoform	ND	ug/m3	9.1	2.5	1.74		03/04/20 19:35	75-25-2	
Bromomethane	ND	ug/m3	1.4	0.39	1.74		03/04/20 19:35	74-83-9	
1,3-Butadiene	ND	ug/m3	0.78	0.22	1.74		03/04/20 19:35	106-99-0	
2-Butanone (MEK)	**39.1**	ug/m3	5.2	0.64	1.74		03/04/20 19:35	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.38	1.74		03/04/20 19:35	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.2	0.75	1.74		03/04/20 19:35	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.48	1.74		03/04/20 19:35	108-90-7	
Chloroethane	ND	ug/m3	0.93	0.45	1.74		03/04/20 19:35	75-00-3	
Chloroform	ND	ug/m3	0.86	0.34	1.74		03/04/20 19:35	67-66-3	
Chloromethane	ND	ug/m3	0.73	0.27	1.74		03/04/20 19:35	74-87-3	
Cyclohexane	ND	ug/m3	3.0	0.61	1.74		03/04/20 19:35	110-82-7	
Dibromochloromethane	ND	ug/m3	3.0	1.3	1.74		03/04/20 19:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.4	0.64	1.74		03/04/20 19:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.1	0.87	1.74		03/04/20 19:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.1	1.0	1.74		03/04/20 19:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.3	1.7	1.74		03/04/20 19:35	106-46-7	
Dichlorodifluoromethane	**2.4**	ug/m3	1.8	0.51	1.74		03/04/20 19:35	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.4	0.39	1.74		03/04/20 19:35	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.72	0.26	1.74		03/04/20 19:35	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.48	1.74		03/04/20 19:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.38	1.74		03/04/20 19:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.50	1.74		03/04/20 19:35	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	0.40	1.74		03/04/20 19:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.53	1.74		03/04/20 19:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.77	1.74		03/04/20 19:35	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.5	0.76	1.74		03/04/20 19:35	76-14-2	
Ethanol	**61.0**	ug/m3	3.3	1.4	1.74		03/04/20 19:35	64-17-5	
Ethyl acetate	**3.2**	ug/m3	1.3	0.33	1.74		03/04/20 19:35	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.53	1.74		03/04/20 19:35	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.4	0.99	1.74		03/04/20 19:35	622-96-8	
n-Heptane	ND	ug/m3	1.4	0.66	1.74		03/04/20 19:35	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.4	3.4	1.74		03/04/20 19:35	87-68-3	
n-Hexane	**2.5**	ug/m3	1.2	0.54	1.74		03/04/20 19:35	110-54-3	
2-Hexanone	ND	ug/m3	7.2	1.3	1.74		03/04/20 19:35	591-78-6	
Methylene Chloride	ND	ug/m3	15.4	2.1	1.74		03/04/20 19:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.2	0.90	1.74		03/04/20 19:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.4	1.2	1.74		03/04/20 19:35	1634-04-4	
Naphthalene	ND	ug/m3	4.6	2.3	1.74		03/04/20 19:35	91-20-3	
2-Propanol	**10.8**	ug/m3	4.4	1.2	1.74		03/04/20 19:35	67-63-0	
Propylene	ND	ug/m3	0.61	0.24	1.74		03/04/20 19:35	115-07-1	
Styrene	ND	ug/m3	1.5	0.60	1.74		03/04/20 19:35	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.54	1.74		03/04/20 19:35	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-3 **Lab ID: 10509494005** Collected: 02/21/20 10:21 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	ND	ug/m3	1.2	0.55	1.74		03/04/20 19:35	127-18-4	
Tetrahydrofuran	**10.9**	ug/m3	1.0	0.45	1.74		03/04/20 19:35	109-99-9	
Toluene	**1.4**	ug/m3	1.3	0.61	1.74		03/04/20 19:35	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	13.1	6.5	1.74		03/04/20 19:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	0.54	1.74		03/04/20 19:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.97	0.42	1.74		03/04/20 19:35	79-00-5	
Trichloroethene	ND	ug/m3	0.95	0.44	1.74		03/04/20 19:35	79-01-6	
Trichlorofluoromethane	ND	ug/m3	2.0	0.64	1.74		03/04/20 19:35	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.7	0.98	1.74		03/04/20 19:35	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.7	0.79	1.74		03/04/20 19:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.7	0.69	1.74		03/04/20 19:35	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.47	1.74		03/04/20 19:35	108-05-4	
Vinyl chloride	ND	ug/m3	0.45	0.22	1.74		03/04/20 19:35	75-01-4	
m&p-Xylene	ND	ug/m3	3.1	1.2	1.74		03/04/20 19:35	179601-23-1	
o-Xylene	ND	ug/m3	1.5	0.60	1.74		03/04/20 19:35	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-3 Cert #3755 **Lab ID: 10509494006** Collected: 02/21/20 10:21 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
Acetone	ND	ug/m3	6.0	1.2	1		02/12/20 15:20	67-64-1	
Benzene	ND	ug/m3	0.32	0.15	1		02/12/20 15:20	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		02/12/20 15:20	100-44-7	
Bromodichloromethane	ND	ug/m3	1.4	0.37	1		02/12/20 15:20	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		02/12/20 15:20	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		02/12/20 15:20	74-83-9	
1,3-Butadiene	ND	ug/m3	0.45	0.13	1		02/12/20 15:20	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		02/12/20 15:20	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		02/12/20 15:20	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	0.43	1		02/12/20 15:20	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		02/12/20 15:20	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		02/12/20 15:20	75-00-3	
Chloroform	ND	ug/m3	0.50	0.20	1		02/12/20 15:20	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		02/12/20 15:20	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		02/12/20 15:20	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		02/12/20 15:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.78	0.37	1		02/12/20 15:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		02/12/20 15:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		02/12/20 15:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		02/12/20 15:20	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		02/12/20 15:20	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.82	0.22	1		02/12/20 15:20	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.41	0.15	1		02/12/20 15:20	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.81	0.27	1		02/12/20 15:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.81	0.22	1		02/12/20 15:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.81	0.28	1		02/12/20 15:20	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.94	0.23	1		02/12/20 15:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.92	0.30	1		02/12/20 15:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.92	0.44	1		02/12/20 15:20	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		02/12/20 15:20	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		02/12/20 15:20	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		02/12/20 15:20	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		02/12/20 15:20	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		02/12/20 15:20	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		02/12/20 15:20	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		02/12/20 15:20	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		02/12/20 15:20	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		02/12/20 15:20	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		02/12/20 15:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		02/12/20 15:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		02/12/20 15:20	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		02/12/20 15:20	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		02/12/20 15:20	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		02/12/20 15:20	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		02/12/20 15:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.70	0.31	1		02/12/20 15:20	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Sample: 1058S-SS-3 Cert #3755 **Lab ID: 10509494006** Collected: 02/21/20 10:21 Received: 02/21/20 15:10 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
Tetrachloroethene	ND	ug/m3	0.69	0.31	1		02/12/20 15:20	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		02/12/20 15:20	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		02/12/20 15:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		02/12/20 15:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.1	0.31	1		02/12/20 15:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.56	0.24	1		02/12/20 15:20	79-00-5	
Trichloroethene	ND	ug/m3	0.55	0.25	1		02/12/20 15:20	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		02/12/20 15:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		02/12/20 15:20	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		02/12/20 15:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		02/12/20 15:20	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		02/12/20 15:20	108-05-4	
Vinyl chloride	ND	ug/m3	0.26	0.13	1		02/12/20 15:20	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		02/12/20 15:20	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		02/12/20 15:20	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

QC Batch: 663227 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10509494001, 10509494003, 10509494005

METHOD BLANK: 3558064 Matrix: Air
Associated Lab Samples: 10509494001, 10509494003, 10509494005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	0.31	03/04/20 09:29	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	0.31	03/04/20 09:29	
1,1,2-Trichloroethane	ug/m3	ND	0.56	0.24	03/04/20 09:29	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	0.56	03/04/20 09:29	
1,1-Dichloroethane	ug/m3	ND	0.82	0.22	03/04/20 09:29	
1,1-Dichloroethene	ug/m3	ND	0.81	0.27	03/04/20 09:29	
1,2,4-Trichlorobenzene	ug/m3	ND	7.5	3.7	03/04/20 09:29	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	0.45	03/04/20 09:29	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.78	0.37	03/04/20 09:29	
1,2-Dichlorobenzene	ug/m3	ND	1.2	0.50	03/04/20 09:29	
1,2-Dichloroethane	ug/m3	ND	0.41	0.15	03/04/20 09:29	
1,2-Dichloropropane	ug/m3	ND	0.94	0.23	03/04/20 09:29	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	0.40	03/04/20 09:29	
1,3-Butadiene	ug/m3	ND	0.45	0.13	03/04/20 09:29	
1,3-Dichlorobenzene	ug/m3	ND	1.2	0.58	03/04/20 09:29	
1,4-Dichlorobenzene	ug/m3	ND	3.1	1.0	03/04/20 09:29	
2-Butanone (MEK)	ug/m3	ND	3.0	0.37	03/04/20 09:29	
2-Hexanone	ug/m3	ND	4.2	0.74	03/04/20 09:29	
2-Propanol	ug/m3	ND	2.5	0.70	03/04/20 09:29	
4-Ethyltoluene	ug/m3	ND	2.5	0.57	03/04/20 09:29	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	0.52	03/04/20 09:29	
Acetone	ug/m3	ND	2.4	1.2	03/04/20 09:29	
Benzene	ug/m3	ND	0.32	0.15	03/04/20 09:29	
Benzyl chloride	ug/m3	ND	2.6	1.2	03/04/20 09:29	
Bromodichloromethane	ug/m3	ND	1.4	0.37	03/04/20 09:29	
Bromoform	ug/m3	ND	5.2	1.4	03/04/20 09:29	
Bromomethane	ug/m3	ND	0.79	0.23	03/04/20 09:29	
Carbon disulfide	ug/m3	ND	0.63	0.22	03/04/20 09:29	
Carbon tetrachloride	ug/m3	ND	1.3	0.43	03/04/20 09:29	
Chlorobenzene	ug/m3	ND	0.94	0.28	03/04/20 09:29	
Chloroethane	ug/m3	ND	0.54	0.26	03/04/20 09:29	
Chloroform	ug/m3	ND	0.50	0.20	03/04/20 09:29	
Chloromethane	ug/m3	ND	0.42	0.16	03/04/20 09:29	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	0.22	03/04/20 09:29	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	0.30	03/04/20 09:29	
Cyclohexane	ug/m3	ND	1.8	0.35	03/04/20 09:29	
Dibromochloromethane	ug/m3	ND	1.7	0.72	03/04/20 09:29	
Dichlorodifluoromethane	ug/m3	ND	1.0	0.29	03/04/20 09:29	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	0.44	03/04/20 09:29	
Ethanol	ug/m3	ND	1.9	0.81	03/04/20 09:29	
Ethyl acetate	ug/m3	ND	0.73	0.19	03/04/20 09:29	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

METHOD BLANK: 3558064 Matrix: Air
Associated Lab Samples: 10509494001, 10509494003, 10509494005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/m3	ND	0.88	0.30	03/04/20 09:29	
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	2.0	03/04/20 09:29	
m&p-Xylene	ug/m3	ND	1.8	0.70	03/04/20 09:29	
Methyl-tert-butyl ether	ug/m3	ND	3.7	0.66	03/04/20 09:29	
Methylene Chloride	ug/m3	ND	8.8	1.2	03/04/20 09:29	MN
n-Heptane	ug/m3	ND	0.83	0.38	03/04/20 09:29	
n-Hexane	ug/m3	ND	0.72	0.31	03/04/20 09:29	
Naphthalene	ug/m3	ND	2.7	1.3	03/04/20 09:29	
o-Xylene	ug/m3	ND	0.88	0.34	03/04/20 09:29	
Propylene	ug/m3	ND	0.35	0.14	03/04/20 09:29	
Styrene	ug/m3	ND	0.87	0.34	03/04/20 09:29	
Tetrachloroethene	ug/m3	ND	0.69	0.31	03/04/20 09:29	
Tetrahydrofuran	ug/m3	ND	0.60	0.26	03/04/20 09:29	
Toluene	ug/m3	ND	0.77	0.35	03/04/20 09:29	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	0.28	03/04/20 09:29	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	0.44	03/04/20 09:29	
Trichloroethene	ug/m3	ND	0.55	0.25	03/04/20 09:29	
Trichlorofluoromethane	ug/m3	ND	1.1	0.37	03/04/20 09:29	
Vinyl acetate	ug/m3	ND	0.72	0.27	03/04/20 09:29	
Vinyl chloride	ug/m3	ND	0.26	0.13	03/04/20 09:29	

LABORATORY CONTROL SAMPLE: 3558065

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	58.9	103	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	77.2	107	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	59.2	103	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	77.7	97	70-130	
1,1-Dichloroethane	ug/m3	42.7	42.0	98	70-130	
1,1-Dichloroethene	ug/m3	41.4	40.3	97	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	152	97	70-130	SS
1,2,4-Trimethylbenzene	ug/m3	51.5	61.2	119	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	86.7	108	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	72.7	115	70-136	
1,2-Dichloroethane	ug/m3	42.4	40.2	95	70-130	
1,2-Dichloropropane	ug/m3	48.6	48.2	99	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	62.2	121	70-136	
1,3-Butadiene	ug/m3	23.3	25.3	109	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	70.6	111	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	71.4	113	70-145	
2-Butanone (MEK)	ug/m3	31.4	33.6	107	61-130	
2-Hexanone	ug/m3	42.8	44.6	104	70-138	
2-Propanol	ug/m3	119	128	107	70-136	
4-Ethyltoluene	ug/m3	52.4	66.7	127	70-142	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

LABORATORY CONTROL SAMPLE: 3558065

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	50.3	115	70-134	
Acetone	ug/m3	126	109	87	59-137	
Benzene	ug/m3	33.5	33.4	100	70-133	
Benzyl chloride	ug/m3	55.1	56.8	103	70-139	
Bromodichloromethane	ug/m3	71.5	80.4	112	70-130	
Bromoform	ug/m3	110	156	142	60-140	CH,L1
Bromomethane	ug/m3	41.3	38.7	94	70-131	
Carbon disulfide	ug/m3	33.3	35.7	107	70-130	
Carbon tetrachloride	ug/m3	66.2	74.0	112	70-133	
Chlorobenzene	ug/m3	48.3	47.2	98	70-131	
Chloroethane	ug/m3	28.1	30.4	108	70-141	
Chloroform	ug/m3	51.1	49.4	97	70-130	
Chloromethane	ug/m3	21.9	20.9	95	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	39.1	94	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	56.2	118	70-138	
Cyclohexane	ug/m3	36.7	38.5	105	70-133	
Dibromochloromethane	ug/m3	90.7	115	127	70-139	
Dichlorodifluoromethane	ug/m3	51.6	49.6	96	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	76.5	105	65-133	
Ethanol	ug/m3	103	116	113	65-135	
Ethyl acetate	ug/m3	38.6	38.9	101	70-135	
Ethylbenzene	ug/m3	45.6	52.3	115	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	132	118	70-134	
m&p-Xylene	ug/m3	91.2	102	112	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	40.6	106	70-131	
Methylene Chloride	ug/m3	182	194	107	69-130	
n-Heptane	ug/m3	43.6	43.8	100	70-130	
n-Hexane	ug/m3	37.6	35.2	94	70-131	
Naphthalene	ug/m3	57.7	55.7	97	63-130	
o-Xylene	ug/m3	45.5	51.0	112	70-135	
Propylene	ug/m3	18.2	18.0	99	63-139	
Styrene	ug/m3	44.9	58.0	129	70-143	
Tetrachloroethene	ug/m3	71	69.1	97	70-136	
Tetrahydrofuran	ug/m3	31.5	32.5	103	70-137	
Toluene	ug/m3	39.5	43.2	109	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	40.7	96	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	62.7	132	70-139	CH
Trichloroethene	ug/m3	56.3	55.1	98	70-132	
Trichlorofluoromethane	ug/m3	59.7	57.5	96	65-136	
Vinyl acetate	ug/m3	34.5	36.3	105	66-140	
Vinyl chloride	ug/m3	26.7	26.4	99	68-141	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

SAMPLE DUPLICATE: 3559071

Parameter	Units	10509366001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<1.7	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	<1.1	ND		25	
1,1,2-Trichloroethane	ug/m3	<0.86	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<2.4	ND		25	
1,1-Dichloroethane	ug/m3	<1.3	ND		25	
1,1-Dichloroethene	ug/m3	<1.2	ND		25	
1,2,4-Trichlorobenzene	ug/m3	<11.7	ND		25	
1,2,4-Trimethylbenzene	ug/m3	0.73J	ND		25	
1,2-Dibromoethane (EDB)	ug/m3	<1.2	ND		25	
1,2-Dichlorobenzene	ug/m3	<1.9	ND		25	
1,2-Dichloroethane	ug/m3	<0.64	ND		25	
1,2-Dichloropropane	ug/m3	<1.5	ND		25	
1,3,5-Trimethylbenzene	ug/m3	<1.5	ND		25	
1,3-Butadiene	ug/m3	<0.70	ND		25	
1,3-Dichlorobenzene	ug/m3	<1.9	ND		25	
1,4-Dichlorobenzene	ug/m3	<4.7	ND		25	
2-Butanone (MEK)	ug/m3	<4.6	ND		25	
2-Hexanone	ug/m3	<6.4	ND		25	
2-Propanol	ug/m3	6.4	6.2	3	25	
4-Ethyltoluene	ug/m3	<3.9	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<6.4	ND		25	
Acetone	ug/m3	12.2	11.7	4	25	
Benzene	ug/m3	0.69	0.80	14	25	
Benzyl chloride	ug/m3	<4.1	ND		25	
Bromodichloromethane	ug/m3	<2.1	ND		25	
Bromoform	ug/m3	<8.1	ND		25	
Bromomethane	ug/m3	<1.2	ND		25	
Carbon disulfide	ug/m3	<0.98	ND		25	
Carbon tetrachloride	ug/m3	<2.0	ND		25	
Chlorobenzene	ug/m3	<1.5	ND		25	
Chloroethane	ug/m3	<0.83	ND		25	
Chloroform	ug/m3	<0.77	ND		25	
Chloromethane	ug/m3	1.3	1.1	20	25	
cis-1,2-Dichloroethene	ug/m3	<1.2	ND		25	
cis-1,3-Dichloropropene	ug/m3	<1.4	ND		25	
Cyclohexane	ug/m3	0.92J	.73J		25	
Dibromochloromethane	ug/m3	<2.7	ND		25	
Dichlorodifluoromethane	ug/m3	2.7	2.7	0	25	
Dichlorotetrafluoroethane	ug/m3	<2.2	ND		25	
Ethanol	ug/m3	71.8	65.0	10	25	
Ethyl acetate	ug/m3	0.54J	ND		25	
Ethylbenzene	ug/m3	0.92J	.88J		25	
Hexachloro-1,3-butadiene	ug/m3	<8.4	ND		25	
m&p-Xylene	ug/m3	1.1J	ND		25	
Methyl-tert-butyl ether	ug/m3	<5.7	ND		25	
Methylene Chloride	ug/m3	3.8J	3.3J		25	
n-Heptane	ug/m3	0.62J	ND		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

SAMPLE DUPLICATE: 3559071

Parameter	Units	10509366001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	2.1	1.7	20	25	
Naphthalene	ug/m3	<4.1	ND		25	
o-Xylene	ug/m3	<1.4	ND		25	
Propylene	ug/m3	<0.54	ND		25	
Styrene	ug/m3	<1.3	ND		25	
Tetrachloroethene	ug/m3	0.66J	.55J		25	
Tetrahydrofuran	ug/m3	<0.93	ND		25	
Toluene	ug/m3	3.8	3.8	0	25	
trans-1,2-Dichloroethene	ug/m3	23.4	24.2	3	25	
trans-1,3-Dichloropropene	ug/m3	<1.4	ND		25	
Trichloroethene	ug/m3	<0.85	ND		25	
Trichlorofluoromethane	ug/m3	1.6J	1.2J		25	
Vinyl acetate	ug/m3	<1.1	ND		25	
Vinyl chloride	ug/m3	<0.40	ND		25	

SAMPLE DUPLICATE: 3559072

Parameter	Units	10509494001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	ND		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	ND		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	6.0	5.2	13	25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	26.6	25.3	5	25	
Benzene	ug/m3	0.82	0.75	9	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

SAMPLE DUPLICATE: 3559072

Parameter	Units	10509494001 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	ND		25	
Chloromethane	ug/m3	ND	ND		25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	.81J		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	2.7	2.6	4	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	137	134	2	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	ND		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	ND		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	ND		25	
n-Heptane	ug/m3	ND	ND		25	
n-Hexane	ug/m3	ND	.9J		25	
Naphthalene	ug/m3	ND	ND		25	
o-Xylene	ug/m3	ND	ND		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	ND	.8J		25	
Tetrahydrofuran	ug/m3	2.6	2.4	9	25	
Toluene	ug/m3	ND	ND		25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	ND	1.3J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10509494001
[1] The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).
Sample: 10509494003
[1] The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).
Sample: 10509494005
[1] The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bober Pharmacy VP23410
Pace Project No.: 10509494

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10509494001	**1058S-SS-1**	TO-15	663227		
10509494003	**1058S-SS-2**	TO-15	663227		
10509494005	**1058S-SS-3**	TO-15	663227		
10509494002	**1058S-SS-1 Cert #3769**	TO-15	663177		
10509494004	**1058S-SS-2 Cert #3701**	TO-15	663177		
10509494006	**1058S-SS-3 Cert #3755**	TO-15	663177		

MINNESOTA POLLUTION CONTROL AGENCY

MPCA Chain-of-Custody Form revision 2017.0328

* indicates a required field

Work Order Number: 3000025699 **COC Type:** STANDARD **Page:** 1 of 1

Turnaround Time: STANDARD **COC ID:** 1058S-1

FOR LAB USE ONLY

PROJECT/CLIENT INFO

Facility Code:* SA0000292 Program Code (MDH Lab Only):

Project Name:* Bober Pharmacy (VP23410) Project Task Code:* PRJ08103

Project Manager:* Melissa Meeuwsen

Potential Hazard? If yes, add information to Sampler Comments Section

LABORATORY

Lab Name: Pace Analytical Services, LLC.

Address: 1700 Elm Street SE, Suite 200

Minneapolis, MN 55414

EPA Lab ID:* MN00064

Lab Work Order Sticker

SAMPLE DETAILS

SAMPLE TYPES
Sample=Routine Sample
QC-FB=Field Blank Sample
QC-FR=Field Replicate Sample
QC-TB=Trip Blank Sample
QC-EB=Equipment Blank
Treated-Mid=Treatment system sample
Treated-Post=Treatment system sample

SAMPLING METHODS
G=Grab sample
CT=Composite, time-paced w/AS
CF=Composite w/AS
D-T=Discrete,time-paced w/AS
D-F=Discrete,flow-paced w/AS
SW-GAS=Gas Sampling
Unknown=Unknown

LAB MATRICES
DW=Drinking Water
NW=Nonpotable Water
SD=Soil/Solid
AR=Air
BL=Biological Material
OT=Other
TS=Tissue

FIELD MATRICES
Wtr-Ground=Groundwater
Wtr-Surf=Surface Water
Wtr-Drink=Drinking Water
QC-BLANK=Artificial Blank Water
Leachate=Leachate Sample
Air-Indoor=Indoor Air
Gas-Soil=Soil Gas

ANALYSIS REQUESTED

MN Location Identifier*	Field Name	Sample Type*	Start Date* (mm/dd/yyyy)	Start Time* 24 hr (hh:mm)	Depth Start	Depth End	Depth Units (m or ft.)	Sampling Method	Complete ONLY if Method is CT, CF, D-T, or D-F: End Date (mm/dd/yyyy)	End Time 24 hr (hh:mm)	Lab Matrix*	Field Matrix*	AIS	Sampler Comments (filter volume, special handling, etc.)	# of Cont	PRESERV	Filt.	ANALYSIS	TO-15	Certified Canister Report		Canister #	Flow Controller #		Lab Sample No.	#
																N	N									
GS01130	1058S-SS-1	Sample	2/21/2020	10:08	0.1	0.2	M	CT	2/21/2020	10:16	AR	Gas-Soil	N	Start 29 "Hg/End 2 "Hg	1				X	X		3769	FC1734	001	002	1
GS01131	1058S-SS-2	Sample	2/21/2020	10:11	0.1	0.2	M	CT	2/21/2020	10:20	AR	Gas-Soil	N	Start 29 "Hg/End 0 "Hg	1				X	X		3701	FC1690	003	004	2
GS01132	1058S-SS-3	Sample	2/21/2020	10:14	0.1	0.2	M	CT	2/21/2020	10:21	AR	Gas-Soil	N	Start 30 "Hg/End 2 "Hg	1				X	X		3755	FC1240	005	006	3
																										4
																										5
																										6
																										7
																										8
																										9
																										10

WO# : 10509494

10509494

Sampler's Name:* RHIANNA LEACH Phone #:* 651-770-1500

Billing Organization: Terracon Consultants, Inc. Acct:* MPCA PO 3000025699

Sampler's Signature:*

Address: 955 Wells Street Suite 100, St. Paul, MN 55106

Sampler's Organization:* Terracon Consultants, Inc.

Courier Name: Pace Analytical Services, LLC. Tracking #: NA

Receiving Comments: Samples sealed in box and shipped via Pace courier.

Relinquished By/Affiliation	Date/Time	Accepted By/Affiliation	Date/Time
(Sampler)	2-21-20 12:55pm		2/21/2020 - 1445
	2/21/2020 - 1510	PACE 2/21/20	1510

Pace Analytical®	Document Name: Air Sample Condition Upon Receipt	Document Revised: 19Nov2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.20	Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: Terracon

Project #: WO# : 10509494

PM: AA1 Due Date: 03/06/20

CLIENT: TERRACON-WBL

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Pace ☐ SpeeDee ☐ Commercial See Exception ☐

Tracking Number:

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Tin Can ☐ Other: **Temp Blank rec:** ☐ Yes ☑ No

Temp. (TO17 and TO13 samples only) (°C): **Corrected Temp (°C):** **Thermometer Used:** ☐ G87A9170600254 ☐ G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** **Date & Initials of Person Examining Contents:** 2/21/20 J

Type of ice Received ☐ Blue ☐ Wet ☑ None

Comments:

Chain of Custody Present?	☑ Yes	☐ No		1.
Chain of Custody Filled Out?	☑ Yes	☐ No		2.
Chain of Custody Relinquished?	☑ Yes	☐ No		3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No		6.
Rush Turn Around Time Requested?	☐ Yes	☑ No		7.
Sufficient Volume?	☑ Yes	☐ No		8.
Correct Containers Used? **(Tedlar bags not acceptable container for TO-14, TO-15 or APH)** -Pace Containers Used?	☑ Yes ☑ Yes	☐ No ☐ No		9.
Containers Intact? **(visual inspection/no leaks when pressurized)**	☑ Yes	☐ No		10.
Media: Air Can Airbag Filter TDT Passive				11. Individually Certified Cans? Y N (list which samples)
Is sufficient information available to reconcile samples to the COC?	☑ Yes	☐ No		12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☑ Yes	☐ No		13.

Gauge # ☐ 10AIR26 ☑ 10AIR34 ☐ 10AIR35 ☐ 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
1	3769	1734	-1.5	+10					
2	3701	1691	0	+10					
3	3755	1240	-1	+10					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Amanda J Albrecht **Date:** 2/24/20

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Data File: \\192.168.10.12\chem\10airI.i\030420.b\06421.D
Report Date: 05-Mar-2020 09:06

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10airI.i\030420.b\06421.D
Lab Smp Id: 10509494001
Inj Date : 04-MAR-2020 18:10
Operator : MLS Inst ID: 10airI.i
Smp Info :
Misc Info : 36176
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10airI.i\030420.b\TO15_060-20.m
Meth Date : 05-Mar-2020 06:25 mschmitz Quant Type: ISTD
Cal Date : 29-FEB-2020 19:14 Cal File: 06019.D
Als bottle: 21
Dil Factor: 1.77000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 10MNAIRWKS10

Concentration Formula: Amt * DF * Uf * CpndVariable

Name	Value	Description
DF	1.770	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

COMPOUND	RT	AREA	AMOUNT
11 Ethanol	3.038	119504	40.420

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.916	39128	13.2345326	23.4	0		0	11

Data File: \\192.168.10.12\chem\10airI.i\030420.b\06421.D
Report Date: 05-Mar-2020 09:06

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

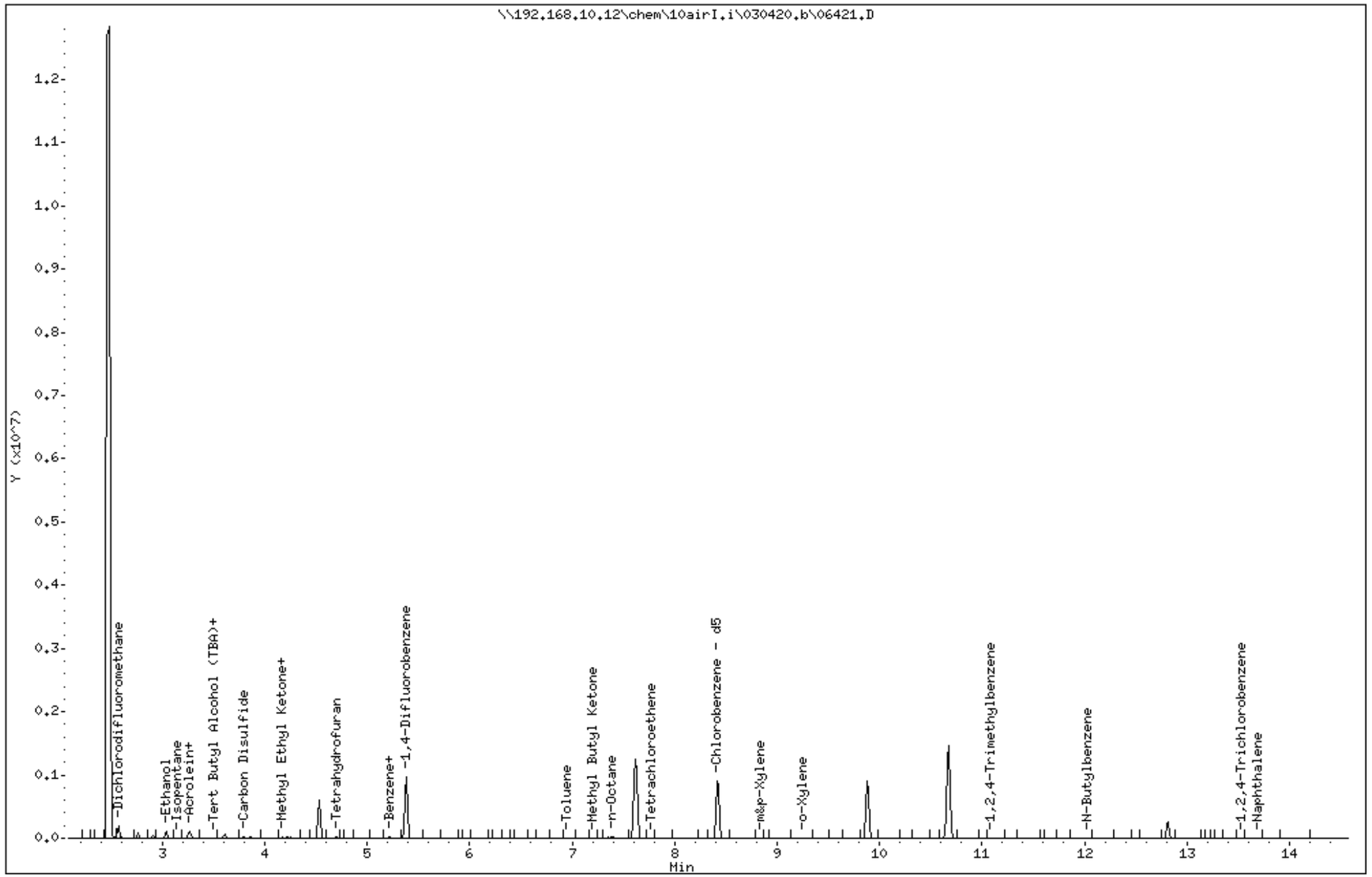
Client Name: Client SDG: 030420.b
Lab Smp Id: 10509494001
Operator : MLS Sample Date:
Sample Location: Sample Point:
Sample Matrix: AIR Date Received:
Analysis Type: VOA Level: LOW
Inj Date: 04-MAR-2020 18:10

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Unknown	2.916	23.4	_J__

Data File: \\192.168.10.12\chem\10airI.i\030420.b\06421.D
Date : 04-MAR-2020 18:10
Client ID:
Sample Info:

Instrument: 10airI.i
Operator: MLS
Column phase: ZB-5MSplus SN338857
Column diameter: 0.32



Data File: \\192.168.10.12\chem\10airI.i\030420.b\06423.D
Report Date: 05-Mar-2020 09:06

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10airI.i\030420.b\06423.D
Lab Smp Id: 10509494003
Inj Date : 04-MAR-2020 19:07
Operator : MLS Inst ID: 10airI.i
Smp Info :
Misc Info : 36176
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10airI.i\030420.b\TO15_060-20.m
Meth Date : 05-Mar-2020 06:25 mschmitz Quant Type: ISTD
Cal Date : 29-FEB-2020 19:14 Cal File: 06019.D
Als bottle: 23
Dil Factor: 1.68000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 10MNAIRWKS10

Concentration Formula: Amt * DF * Uf * CpndVariable

Name	Value	Description
DF	1.680	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

	COMPOUND	RT	AREA	AMOUNT
90	1,2,4-Trichlorobenzene	13.542	54570	0.427

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
Hexanedioic acid, .alpha.-keto oxime, (t				CAS #: 0-00-0			
12.817	493712	3.86009730	6.48	72	NBS75K.l	53158	90

Data File: \\192.168.10.12\chem\10airI.i\030420.b\06423.D
Report Date: 05-Mar-2020 09:06

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

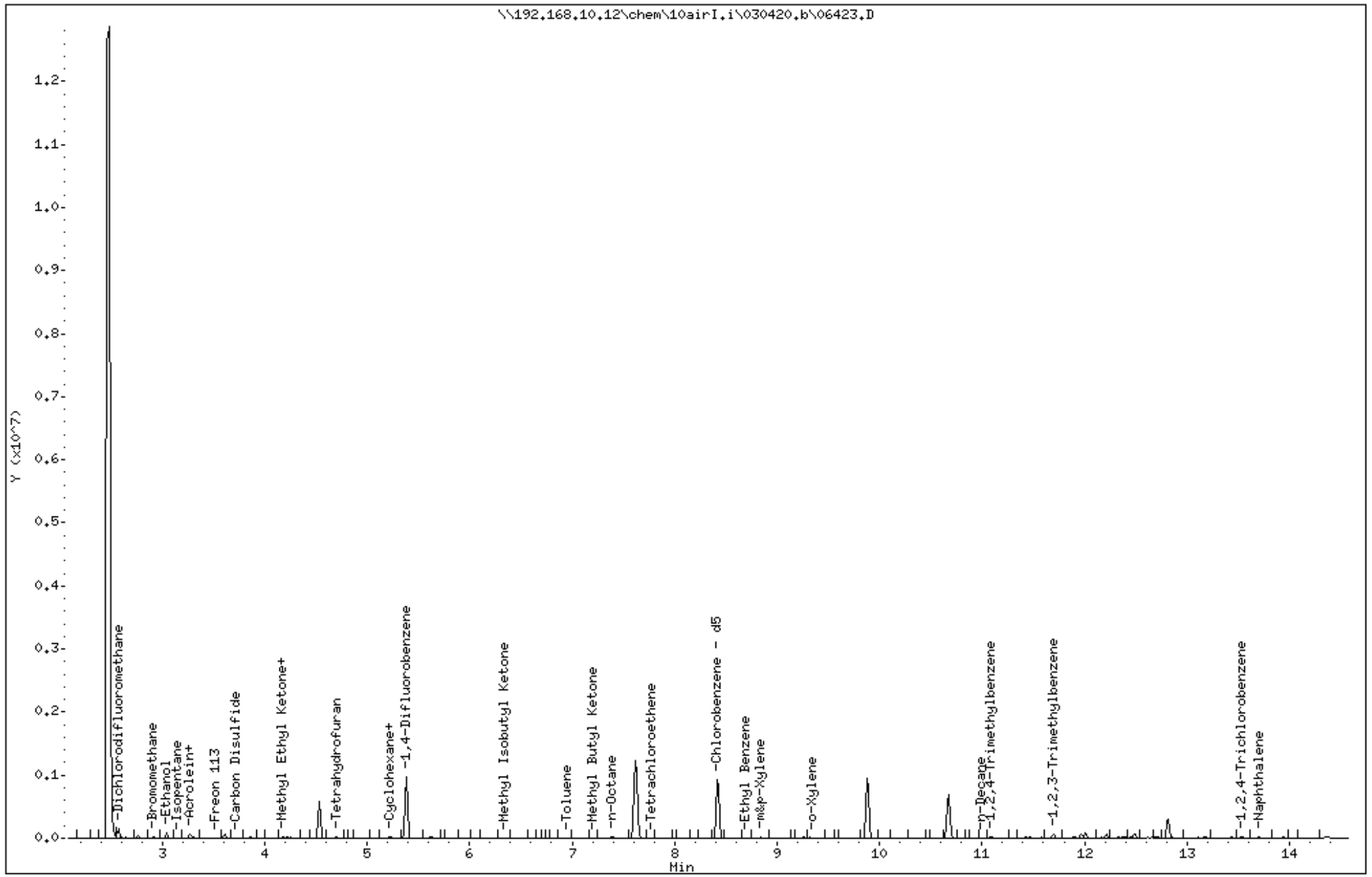
Client Name: Client SDG: 030420.b
Lab Smp Id: 10509494003
Operator : MLS Sample Date:
Sample Location: Sample Point:
Sample Matrix: AIR Date Received:
Analysis Type: VOA Level: LOW
Inj Date: 04-MAR-2020 19:07

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 0-00-0	Hexanedioic acid, .alpha.-k	12.817	6.48	NJ__

Data File: \\192.168.10.12\chem\10airI.i\030420.b\06423.D
Date : 04-MAR-2020 19:07
Client ID:
Sample Info:

Instrument: 10airI.i
Operator: MLS
Column phase: ZB-5MSplus SN338857
Column diameter: 0.32



Data File: \\192.168.10.12\chem\10airI.i\030420.b\06424.D
Report Date: 05-Mar-2020 09:06

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10airI.i\030420.b\06424.D
Lab Smp Id: 10509494005
Inj Date : 04-MAR-2020 19:35
Operator : MLS Inst ID: 10airI.i
Smp Info :
Misc Info : 36176
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10airI.i\030420.b\TO15_060-20.m
Meth Date : 05-Mar-2020 06:25 mschmitz Quant Type: ISTD
Cal Date : 29-FEB-2020 19:14 Cal File: 06019.D
Als bottle: 24
Dil Factor: 1.74000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 10MNAIRWKS10

Concentration Formula: Amt * DF * Uf * CpndVariable

Name	Value	Description
DF	1.740	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

COMPOUND	RT	AREA	AMOUNT
11 Ethanol	3.038	62531	18.302

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.916	63053	18.4547009	32.1	0		0	11

Data File: \\192.168.10.12\chem\10airI.i\030420.b\06424.D
Report Date: 05-Mar-2020 09:06

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

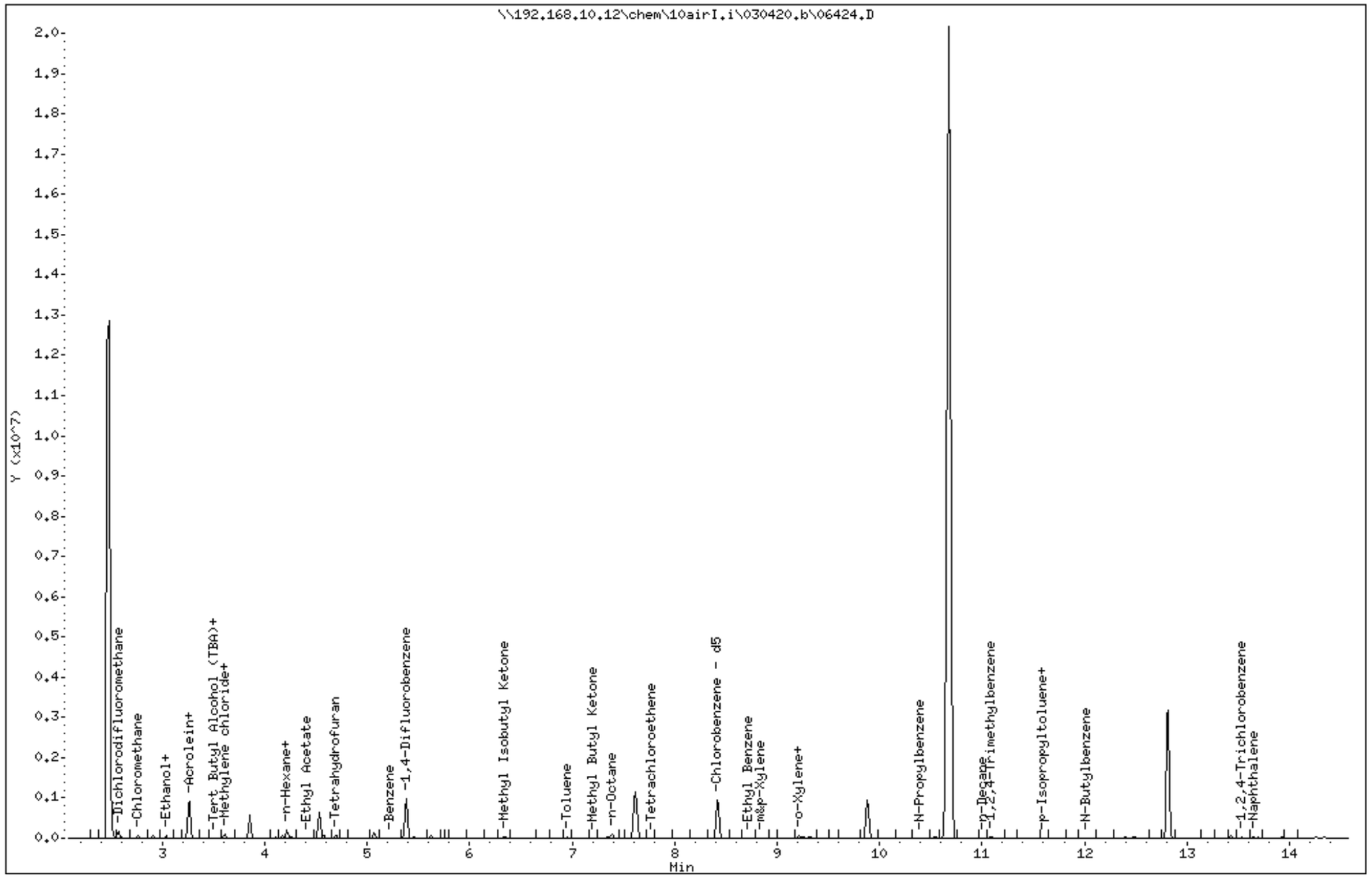
Client Name: Client SDG: 030420.b
Lab Smp Id: 10509494005
Operator : MLS Sample Date:
Sample Location: Sample Point:
Sample Matrix: AIR Date Received:
Analysis Type: VOA Level: LOW
Inj Date: 04-MAR-2020 19:35

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Unknown	2.916	32.1	_J__

Data File: \\192.168.10.12\chem\10airI.i\030420.b\06424.D
Date : 04-MAR-2020 19:35
Client ID:
Sample Info:

Instrument: 10airI.i
Operator: MLS
Column phase: ZB-5MSplus SN338857
Column diameter: 0.32



Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

April 14, 2020

Justin Enwall
Terracon Consultants, Inc.
955 Wells St
Suite 100
Saint Paul, MN 55106

RE: Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

Dear Justin Enwall:

Enclosed are the analytical results for sample(s) received by the laboratory on April 01, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amanda J Albrecht

Amanda Albrecht
amanda.albrecht@pacelabs.com
(612)607-6382
Project Manager

Enclosures

cc: Accounts Payable, Terracon Consultants, Inc.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Massachusetts DWP Certification #: via MN 027-053-137
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

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SAMPLE SUMMARY

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10513561001	**23410-SGMP-7**	Air	03/31/20 14:37	04/01/20 12:00

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SAMPLE ANALYTE COUNT

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10513561001	**23410-SGMP-7**	TO-15	MJL	61

PASI-M = Pace Analytical Services - Minneapolis

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PROJECT NARRATIVE

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

Date: April 14, 2020

23410-SGMP-7 (Lab ID: 10513561001)

- K2: The Total Hydrocarbon (THC) pattern occured in the second half of the chromatogram (after toluene).

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PROJECT NARRATIVE

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

Method: **TO-15**
Description: TO15 MSV AIR
Client: Terracon Consultants, Inc - St. Paul
Date: April 14, 2020

General Information:
1 sample was analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 669699

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- 23410-SGMP-7 (Lab ID: 10513561001)
  - 2-Butanone (MEK)

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

Sample: 23410-SGMP-7 **Lab ID: 10513561001** Collected: 03/31/20 14:37 Received: 04/01/20 12:00 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**266**	ug/m3	12.2	2.6	2.02		04/13/20 21:34	67-64-1	
Benzene	**2.9**	ug/m3	0.66	0.26	2.02		04/13/20 21:34	71-43-2	
Benzyl chloride	ND	ug/m3	5.3	0.96	2.02		04/13/20 21:34	100-44-7	
Bromodichloromethane	ND	ug/m3	2.7	0.36	2.02		04/13/20 21:34	75-27-4	
Bromoform	ND	ug/m3	10.6	3.6	2.02		04/13/20 21:34	75-25-2	
Bromomethane	ND	ug/m3	1.6	0.29	2.02		04/13/20 21:34	74-83-9	
1,3-Butadiene	ND	ug/m3	0.91	0.21	2.02		04/13/20 21:34	106-99-0	
2-Butanone (MEK)	**250**	ug/m3	6.1	1.1	2.02		04/13/20 21:34	78-93-3	E
Carbon disulfide	**16.4**	ug/m3	1.3	0.22	2.02		04/13/20 21:34	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.6	0.52	2.02		04/13/20 21:34	56-23-5	
Chlorobenzene	ND	ug/m3	1.9	0.27	2.02		04/13/20 21:34	108-90-7	
Chloroethane	ND	ug/m3	1.1	0.25	2.02		04/13/20 21:34	75-00-3	
Chloroform	ND	ug/m3	1.0	0.27	2.02		04/13/20 21:34	67-66-3	
Chloromethane	ND	ug/m3	0.85	0.13	2.02		04/13/20 21:34	74-87-3	
Cyclohexane	**3.7**	ug/m3	3.5	0.29	2.02		04/13/20 21:34	110-82-7	
Dibromochloromethane	ND	ug/m3	3.5	0.81	2.02		04/13/20 21:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.6	0.56	2.02		04/13/20 21:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.5	0.64	2.02		04/13/20 21:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.5	0.96	2.02		04/13/20 21:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	6.2	1.5	2.02		04/13/20 21:34	106-46-7	
Dichlorodifluoromethane	**3.3**	ug/m3	2.0	0.34	2.02		04/13/20 21:34	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.7	0.23	2.02		04/13/20 21:34	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.83	0.34	2.02		04/13/20 21:34	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.6	0.24	2.02		04/13/20 21:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.6	0.23	2.02		04/13/20 21:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.6	0.34	2.02		04/13/20 21:34	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.9	0.40	2.02		04/13/20 21:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.9	0.75	2.02		04/13/20 21:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.9	0.53	2.02		04/13/20 21:34	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.9	0.32	2.02		04/13/20 21:34	76-14-2	
Ethanol	**872**	ug/m3	195	95.9	101.8		04/14/20 11:19	64-17-5	
Ethyl acetate	ND	ug/m3	1.5	0.37	2.02		04/13/20 21:34	141-78-6	
Ethylbenzene	ND	ug/m3	1.8	0.28	2.02		04/13/20 21:34	100-41-4	
4-Ethyltoluene	ND	ug/m3	5.0	0.86	2.02		04/13/20 21:34	622-96-8	
n-Heptane	ND	ug/m3	1.7	0.40	2.02		04/13/20 21:34	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	10.9	2.5	2.02		04/13/20 21:34	87-68-3	
n-Hexane	**3.9**	ug/m3	1.4	0.40	2.02		04/13/20 21:34	110-54-3	
2-Hexanone	ND	ug/m3	8.4	0.70	2.02		04/13/20 21:34	591-78-6	
Methylene Chloride	ND	ug/m3	7.1	1.9	2.02		04/13/20 21:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	8.4	0.36	2.02		04/13/20 21:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	7.4	0.20	2.02		04/13/20 21:34	1634-04-4	
Naphthalene	ND	ug/m3	5.4	2.6	2.02		04/13/20 21:34	91-20-3	
2-Propanol	**30.5**	ug/m3	5.0	0.77	2.02		04/13/20 21:34	67-63-0	
Propylene	**11.7**	ug/m3	0.71	0.20	2.02		04/13/20 21:34	115-07-1	
Styrene	ND	ug/m3	1.7	0.86	2.02		04/13/20 21:34	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

Sample: 23410-SGMP-7 **Lab ID: 10513561001** Collected: 03/31/20 14:37 Received: 04/01/20 12:00 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.4	0.62	2.02		04/13/20 21:34	79-34-5	
Tetrachloroethene	ND	ug/m3	1.4	0.54	2.02		04/13/20 21:34	127-18-4	
Tetrahydrofuran	**1010**	ug/m3	61.1	18.6	101.8		04/14/20 11:19	109-99-9	
Toluene	**2.3**	ug/m3	1.5	0.35	2.02		04/13/20 21:34	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	15.2	6.7	2.02		04/13/20 21:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.2	0.31	2.02		04/13/20 21:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	2.2	0.40	2.02		04/13/20 21:34	79-00-5	
Trichloroethene	ND	ug/m3	2.2	0.45	2.02		04/13/20 21:34	79-01-6	
Trichlorofluoromethane	ND	ug/m3	2.3	0.46	2.02		04/13/20 21:34	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	3.2	0.52	2.02		04/13/20 21:34	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	2.0	0.63	2.02		04/13/20 21:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	2.0	0.50	2.02		04/13/20 21:34	108-67-8	
Vinyl acetate	ND	ug/m3	1.4	0.36	2.02		04/13/20 21:34	108-05-4	
Vinyl chloride	ND	ug/m3	0.53	0.19	2.02		04/13/20 21:34	75-01-4	
m&p-Xylene	ND	ug/m3	3.6	0.68	2.02		04/13/20 21:34	179601-23-1	
o-Xylene	ND	ug/m3	1.8	0.30	2.02		04/13/20 21:34	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

QC Batch: 669699
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10513561001

METHOD BLANK: 3589201 Matrix: Air
Associated Lab Samples: 10513561001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	0.15	04/13/20 09:37	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	0.31	04/13/20 09:37	
1,1,2-Trichloroethane	ug/m3	ND	1.1	0.20	04/13/20 09:37	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	0.26	04/13/20 09:37	
1,1-Dichloroethane	ug/m3	ND	0.82	0.11	04/13/20 09:37	
1,1-Dichloroethene	ug/m3	ND	0.81	0.12	04/13/20 09:37	
1,2,4-Trichlorobenzene	ug/m3	ND	7.5	3.3	04/13/20 09:37	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	0.31	04/13/20 09:37	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.78	0.28	04/13/20 09:37	MN
1,2-Dichlorobenzene	ug/m3	ND	1.2	0.32	04/13/20 09:37	
1,2-Dichloroethane	ug/m3	ND	0.41	0.17	04/13/20 09:37	
1,2-Dichloropropane	ug/m3	ND	0.94	0.20	04/13/20 09:37	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	0.25	04/13/20 09:37	
1,3-Butadiene	ug/m3	ND	0.45	0.10	04/13/20 09:37	
1,3-Dichlorobenzene	ug/m3	ND	1.2	0.48	04/13/20 09:37	
1,4-Dichlorobenzene	ug/m3	ND	3.1	0.74	04/13/20 09:37	
2-Butanone (MEK)	ug/m3	ND	3.0	0.56	04/13/20 09:37	
2-Hexanone	ug/m3	ND	4.2	0.34	04/13/20 09:37	
2-Propanol	ug/m3	ND	2.5	0.38	04/13/20 09:37	
4-Ethyltoluene	ug/m3	ND	2.5	0.43	04/13/20 09:37	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	0.18	04/13/20 09:37	
Acetone	ug/m3	ND	6.0	1.3	04/13/20 09:37	MN
Benzene	ug/m3	ND	0.32	0.13	04/13/20 09:37	
Benzyl chloride	ug/m3	ND	2.6	0.47	04/13/20 09:37	
Bromodichloromethane	ug/m3	ND	1.4	0.18	04/13/20 09:37	
Bromoform	ug/m3	ND	5.2	1.8	04/13/20 09:37	
Bromomethane	ug/m3	ND	0.79	0.15	04/13/20 09:37	
Carbon disulfide	ug/m3	ND	0.63	0.11	04/13/20 09:37	
Carbon tetrachloride	ug/m3	ND	1.3	0.26	04/13/20 09:37	
Chlorobenzene	ug/m3	ND	0.94	0.13	04/13/20 09:37	
Chloroethane	ug/m3	ND	0.54	0.13	04/13/20 09:37	
Chloroform	ug/m3	ND	0.50	0.13	04/13/20 09:37	
Chloromethane	ug/m3	ND	0.42	0.066	04/13/20 09:37	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	0.12	04/13/20 09:37	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	0.37	04/13/20 09:37	
Cyclohexane	ug/m3	ND	1.8	0.15	04/13/20 09:37	
Dibromochloromethane	ug/m3	ND	1.7	0.40	04/13/20 09:37	
Dichlorodifluoromethane	ug/m3	ND	1.0	0.17	04/13/20 09:37	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	0.16	04/13/20 09:37	
Ethanol	ug/m3	ND	1.9	0.94	04/13/20 09:37	MN

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

METHOD BLANK: 3589201 Matrix: Air
Associated Lab Samples: 10513561001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethyl acetate	ug/m3	ND	0.73	0.18	04/13/20 09:37	
Ethylbenzene	ug/m3	ND	0.88	0.14	04/13/20 09:37	
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	1.2	04/13/20 09:37	
m&p-Xylene	ug/m3	ND	1.8	0.34	04/13/20 09:37	
Methyl-tert-butyl ether	ug/m3	ND	3.7	0.10	04/13/20 09:37	
Methylene Chloride	ug/m3	ND	3.5	0.93	04/13/20 09:37	
n-Heptane	ug/m3	ND	0.83	0.20	04/13/20 09:37	
n-Hexane	ug/m3	ND	0.72	0.20	04/13/20 09:37	
Naphthalene	ug/m3	ND	2.7	1.3	04/13/20 09:37	
o-Xylene	ug/m3	ND	0.88	0.15	04/13/20 09:37	
Propylene	ug/m3	ND	0.35	0.098	04/13/20 09:37	
Styrene	ug/m3	ND	0.87	0.43	04/13/20 09:37	
Tetrachloroethene	ug/m3	ND	0.69	0.27	04/13/20 09:37	
Tetrahydrofuran	ug/m3	ND	0.60	0.18	04/13/20 09:37	
Toluene	ug/m3	ND	0.77	0.17	04/13/20 09:37	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	0.17	04/13/20 09:37	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	0.26	04/13/20 09:37	
Trichloroethene	ug/m3	ND	1.1	0.22	04/13/20 09:37	
Trichlorofluoromethane	ug/m3	ND	1.1	0.23	04/13/20 09:37	
Vinyl acetate	ug/m3	ND	0.72	0.18	04/13/20 09:37	
Vinyl chloride	ug/m3	ND	0.26	0.096	04/13/20 09:37	

LABORATORY CONTROL SAMPLE: 3589202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	57.7	101	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	74.9	104	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	62.9	110	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	78.5	98	70-130	
1,1-Dichloroethane	ug/m3	42.7	43.0	101	70-130	
1,1-Dichloroethene	ug/m3	41.4	40.0	96	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	130	84	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	53.6	104	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	79.5	99	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	69.0	109	70-136	
1,2-Dichloroethane	ug/m3	42.4	44.1	104	70-130	
1,2-Dichloropropane	ug/m3	48.6	51.2	105	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	58.6	113	70-136	
1,3-Butadiene	ug/m3	23.3	21.5	92	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	62.4	98	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	60.2	95	70-145	
2-Butanone (MEK)	ug/m3	31.4	29.5	94	61-130	
2-Hexanone	ug/m3	42.8	40.8	95	70-138	
2-Propanol	ug/m3	119	124	104	70-136	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

LABORATORY CONTROL SAMPLE: 3589202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	57.5	110	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	45.4	104	70-134	
Acetone	ug/m3	126	127	101	59-137	
Benzene	ug/m3	33.5	32.8	98	70-133	
Benzyl chloride	ug/m3	55.1	50.8	92	70-139	
Bromodichloromethane	ug/m3	71.5	76.2	107	70-130	
Bromoform	ug/m3	110	125	114	60-140	
Bromomethane	ug/m3	41.3	36.6	89	70-131	
Carbon disulfide	ug/m3	33.3	32.8	98	70-130	
Carbon tetrachloride	ug/m3	66.2	70.1	106	70-133	
Chlorobenzene	ug/m3	48.3	48.7	101	70-131	
Chloroethane	ug/m3	28.1	27.4	98	70-141	
Chloroform	ug/m3	51.1	50.7	99	70-130	
Chloromethane	ug/m3	21.9	19.9	91	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	40.9	98	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	52.8	111	70-138	
Cyclohexane	ug/m3	36.7	39.0	106	70-133	
Dibromochloromethane	ug/m3	90.7	98.7	109	70-139	
Dichlorodifluoromethane	ug/m3	51.6	48.2	93	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	71.9	99	65-133	
Ethanol	ug/m3	103	98.0	95	65-135	
Ethyl acetate	ug/m3	38.6	42.5	110	70-135	
Ethylbenzene	ug/m3	45.6	48.0	105	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	110	99	70-134	
m&p-Xylene	ug/m3	91.2	101	110	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	39.3	102	70-131	
Methylene Chloride	ug/m3	182	155	85	69-130	
n-Heptane	ug/m3	43.6	46.2	106	70-130	
n-Hexane	ug/m3	37.6	37.2	99	70-131	
Naphthalene	ug/m3	57.7	48.3	84	63-130	
o-Xylene	ug/m3	45.5	48.7	107	70-135	
Propylene	ug/m3	18.2	16.1	89	63-139	
Styrene	ug/m3	44.9	44.1	98	70-143	
Tetrachloroethene	ug/m3	71	69.9	98	70-136	
Tetrahydrofuran	ug/m3	31.5	32.0	102	70-137	
Toluene	ug/m3	39.5	43.4	110	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	41.0	97	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	45.1	95	70-139	
Trichloroethene	ug/m3	56.3	59.0	105	70-132	
Trichlorofluoromethane	ug/m3	59.7	60.8	102	65-136	
Vinyl acetate	ug/m3	34.5	32.6	94	66-140	
Vinyl chloride	ug/m3	26.7	26.3	99	68-141	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10513561001

[1]	The Total Hydrocarbon (THC) pattern occured in the second half of the chromatogram (after toluene).

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

Pace Analytical Services, LLC
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Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10513561

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10513561001	**23410-SGMP-7**	TO-15	669699		

MINNESOTA POLLUTION CONTROL AGENCY

MPCA Chain-of-Custody Form revision 2017.0328

* indicates a required field

Work Order Number:	3000025699	**COC Type:** STANDARD	**Page:** 1 of 1
Turnaround Time:	STANDARD	**COC ID:** 1058S-2	FOR LAB USE ONLY

PROJECT/CLIENT INFO

Facility Code:*	SA0000292
Program Code (MDH Lab Only):	
Project Name:*	Bober Pharmacy (VP23410)
Project Task Code:*	PRJ08103
Project Manager:*	Melissa Meeuwsen
Potential Hazard?	If yes, add information to **Sampler Comments** Section

LABORATORY

Lab Name:	Pace Analytical Services, LLC.
Address:	1700 Elm Street SE, Suite 200
	Minneapolis, MN 55414
EPA Lab ID:*	MN00064

Lab Work Order Sticker

SAMPLE DETAILS

SAMPLE TYPES
Sample=Routine Sample
QC-FB=Field Blank Sample
QC-FR=Field Replicate Sample
QC-TB=Trip Blank Sample
QC-EB=Equipment Blank
Treated-Mid=Treatment system sample
Treated-Post=Treatment system sample

SAMPLING METHODS
G=Grab sample
CT=Composite, time-paced w/AS
CF=Composite w/AS
D-T=Discrete,time-paced w/AS
D-F=Discrete,flow-paced w/AS
SW-GAS=Gas Sampling
Unknown=Unknown

LAB MATRICES
DW=Drinking Water
NW=Nonpotable Water
SD=Soil/Solid
AR=Air
BL=Biological Material
OT=Other
TS=Tissue

FIELD MATRICES
Wtr-Ground=Groundwater
Wtr-Surf=Surface Water
Wtr-Drink=Drinking Water
QC-BLANK=Artificial Blank Water
Leachate=Leachate Sample
Air-Indoor=Indoor Air
Gas-Soil=Soil Gas

ANALYSIS REQUESTED

MN Location Identifier*	Field Name	Sample Type*	Start Date* (mm/dd/yyyy)	Start Time* 24 hr (hh:mm)	Depth Start	Depth End	Depth Units (m or ft.)	Sampling Method	Complete ONLY if Method is CT, CF, D-T, or D-F: End Date (mm/dd/yyyy)	Complete ONLY if Method is CT, CF, D-T, or D-F: End Time 24 hr (hh:mm)	Lab Matrix*	Field Matrix*	AIS	Sampler Comments (filter volume, special handling, etc.)	# of Cont	ANALYSIS: PRESERV.	ANALYSIS: Filt.	TO-15			Canister #	Flow Controller #		Lab Sample No.	#
																	N								
																	N								
2001006135	23410-SGMP-7	Sample	3/31/20	1430	2.1	2.3	M	CT	3/31/2020	14:37	AR	Gas-Soil	N	Start 27"Hg/End 3"Hg	1			X			1430	2177		001	1
																									2
																									3
																									4
																									5
																									6
																									7
																									8
																									9
																									10

Sampler's Name: David Liddell	**Phone #:*** 651-770-1500	**Billing Organization:**	Terracon Consultants, Inc.
Sampler's Signature:*		**Address:**	955 Wells Street Suite 100, St. Paul, MN 55106
Sampler's Organization:*	Terracon Consultants, Inc.	**Courier Name:**	Pace Analytical Services, LLC.
		Tracking #:	NA
		Acct:*	MPCA PO 3000025699

Receiving Comments: Samples sealed in box and shipped via Pace courier.

Relinquished By/Affiliation	Date/Time	Accepted By/ Affiliation	Date/Time
(Sampler) David Liddell	3/31/20 1700	Pace	4/1/2020 1125
Pace	4/1/2020 1200	RALE	4/1/20 1200

WO#: 10513561

10513561

Pace Analytical®	Document Name: **Air Sample Condition Upon Receipt**	Document Revised: 19Nov2019 Page 1 of 1
	Document No.: **F-MN-A-106-rev.20**	Pace Analytical Services - **Minneapolis**

Air Sample Condition Upon Receipt

Client Name: MPCA / TERRACON

Project #: **WO#: 10513561**

PM: AA1 **Due Date: 04/15/20**

CLIENT: TERRACON-WBL

Courier: ☐Fed Ex ☐UPS ☐USPS ☐Client ☒Pace ☐SpeeDee ☐Commercial **See Exception** ☐

Tracking Number: _____

Custody Seal on Cooler/Box Present? ☐Yes ☒No **Seals Intact?** ☐Yes ☒No

Packing Material: ☐Bubble Wrap ☐Bubble Bags ☒Foam ☐None ☐Tin Can ☐Other:_____ **Temp Blank rec:** ☐Yes ☒No

Temp. (TO17 and TO13 samples only) (°C): X **Corrected Temp (°C):** X **Thermometer Used:** ☐G87A9170600254 ☐G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** X **Date & Initials of Person Examining Contents:** 4/1/20 cmy

Type of ice Received ☐Blue ☐Wet ☒None

		Comments:
Chain of Custody Present?	☒Yes ☐No	1.
Chain of Custody Filled Out?	☒Yes ☐No	2.
Chain of Custody Relinquished?	☒Yes ☐No	3.
Sampler Name and/or Signature on COC?	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time?	☒Yes ☐No	5.
Short Hold Time Analysis (<72 hr)?	☐Yes ☒No	6.
Rush Turn Around Time Requested?	☐Yes ☒No	7.
Sufficient Volume?	☒Yes ☐No	8.
Correct Containers Used? **(Tedlar bags not acceptable container for TO-14, TO-15 or APH)** -Pace Containers Used?	☒Yes ☐No ☒Yes ☐No	9.
Containers Intact? **(visual inspection/no leaks when pressurized)**	☒Yes ☐No	10.
Media: (Air Can) Airbag Filter TDT Passive		11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒Yes ☐No	12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☒Yes ☐No	13.

Gauge # ☐10AIR26 ☒10AIR34 ☐10AIR35 ☐4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
23410-SGMP-7	1430	2177	-5	40					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐Yes ☐No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Amanda J Albrecht **Date:** 4/1/20

Data File: \\192.168.10.12\chem\10air0.i\041320.b\10423.D
Report Date: 14-Apr-2020 12:43

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10air0.i\041320.b\10423.D
Lab Smp Id: 10513561001
Inj Date : 13-APR-2020 21:34
Operator : MJL Inst ID: 10air0.i
Smp Info :
Misc Info : 36526
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10air0.i\041320.b\TO15_103-20.m
Meth Date : 14-Apr-2020 06:58 mlytle Quant Type: ISTD
Cal Date : 12-APR-2020 12:45 Cal File: 10311.D
Als bottle: 23
Dil Factor: 2.02000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 10MNAIRWKS08

Concentration Formula: Amt * DF * Uf * CpndVariable

Name	Value	Description
DF	2.020	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

	COMPOUND	RT	AREA	AMOUNT
3	Propylene	2.611	164245	3.308
67	m&p-Xylene	8.739	7600	0.093
86	1,2,3-Trimethylbenzene	11.565	3226	0.087

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
1-Propene, 2-methyl-					CAS #: 115-11-7		
2.801	188833	3.80348517	7.68	87	NBS75K.1	62306	3(L)
Cyclohexanone					CAS #: 108-94-1		
9.228	32096893	391.497400	791	94	NBS75K.1	63196	67
1-Pentanol, 2-ethyl-4-methyl-					CAS #: 106-67-2		
11.382	107262	2.89269924	5.84	59	NBS75K.1	5549	86

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\192.168.10.12\chem\10air0.i\041320.b\10423.D
Report Date: 14-Apr-2020 12:43

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

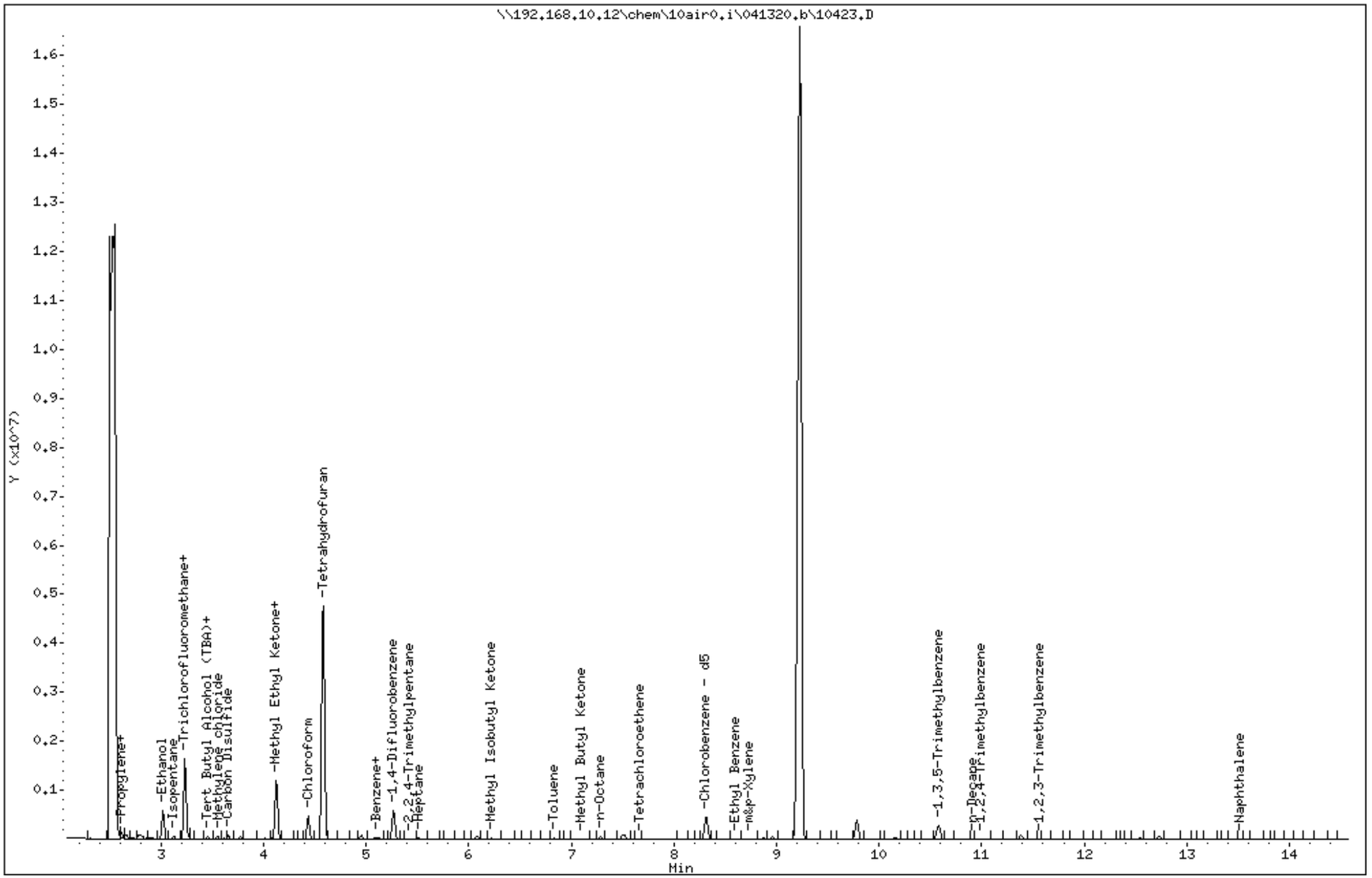
Client Name: Client SDG: 041320.b
Lab Smp Id: 10513561001
Operator : MJL Sample Date:
Sample Location: Sample Point:
Sample Matrix: AIR Date Received:
Analysis Type: VOA Level: LOW
Inj Date: 13-APR-2020 21:34

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/KG) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 115-11-7	1-Propene, 2-methyl-	2.801	7.68	NJ__
2. 108-94-1	Cyclohexanone	9.228	791	NJ__
3. 106-67-2	1-Pentanol, 2-ethyl-4-methy	11.382	5.84	NJ__

Data File: \\192.168.10.12\chem\10air0.i\041320.b\10423.D
Date : 13-APR-2020 21:34
Client ID:
Sample Info:

Instrument: 10air0.i
Operator: MJL
Column phase: ZB-5MSplus SN338857
Column diameter: 0.32



Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

June 16, 2020

Justin Enwall
Terracon Consultants, Inc.
955 Wells St
Suite 100
Saint Paul, MN 55106

RE: Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

Dear Justin Enwall:

Enclosed are the analytical results for sample(s) received by the laboratory on June 12, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amanda Albrecht
amanda.albrecht@pacelabs.com
(612)607-6382
Project Manager

Enclosures

cc: Accounts Payable, Terracon Consultants, Inc.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts DWP Certification #: via MN 027-053-137
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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SAMPLE SUMMARY

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10521435001	**23410-SGMP-7**	Air	06/11/20 12:49	06/12/20 13:20

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Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10521435001	**23410-SGMP-7**	TO-15	MG2	61

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SUMMARY OF DETECTION

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10521435001	**23410-SGMP-7**					
TO-15	Acetone	141	ug/m3	9.4	06/15/20 19:46	
TO-15	Benzene	7.1	ug/m3	0.50	06/15/20 19:46	
TO-15	2-Butanone (MEK)	32.8	ug/m3	4.6	06/15/20 19:46	
TO-15	Carbon disulfide	3.1	ug/m3	0.98	06/15/20 19:46	
TO-15	Chloromethane	1.2	ug/m3	0.65	06/15/20 19:46	
TO-15	Dichlorodifluoromethane	2.2	ug/m3	1.6	06/15/20 19:46	
TO-15	Ethanol	5.4	ug/m3	3.0	06/15/20 19:46	
TO-15	n-Heptane	3.2	ug/m3	1.3	06/15/20 19:46	
TO-15	n-Hexane	8.8	ug/m3	1.1	06/15/20 19:46	
TO-15	2-Propanol	5.3	ug/m3	3.9	06/15/20 19:46	
TO-15	Propylene	44.3	ug/m3	0.54	06/15/20 19:46	
TO-15	Tetrahydrofuran	0.96	ug/m3	0.93	06/15/20 19:46	
TO-15	Toluene	5.2	ug/m3	1.2	06/15/20 19:46	

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

Sample: 23410-SGMP-7 **Lab ID: 10521435001** Collected: 06/11/20 12:49 Received: 06/12/20 13:20 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**141**	ug/m3	9.4	2.0	1.55		06/15/20 19:46	67-64-1	
Benzene	**7.1**	ug/m3	0.50	0.20	1.55		06/15/20 19:46	71-43-2	
Benzyl chloride	**<4.1**	ug/m3	4.1	0.73	1.55		06/15/20 19:46	100-44-7	
Bromodichloromethane	**<2.1**	ug/m3	2.1	0.27	1.55		06/15/20 19:46	75-27-4	
Bromoform	**<8.1**	ug/m3	8.1	2.8	1.55		06/15/20 19:46	75-25-2	
Bromomethane	**<1.2**	ug/m3	1.2	0.23	1.55		06/15/20 19:46	74-83-9	
1,3-Butadiene	**<0.70**	ug/m3	0.70	0.16	1.55		06/15/20 19:46	106-99-0	
2-Butanone (MEK)	**32.8**	ug/m3	4.6	0.87	1.55		06/15/20 19:46	78-93-3	
Carbon disulfide	**3.1**	ug/m3	0.98	0.17	1.55		06/15/20 19:46	75-15-0	
Carbon tetrachloride	**<2.0**	ug/m3	2.0	0.40	1.55		06/15/20 19:46	56-23-5	
Chlorobenzene	**<1.5**	ug/m3	1.5	0.21	1.55		06/15/20 19:46	108-90-7	
Chloroethane	**<0.83**	ug/m3	0.83	0.20	1.55		06/15/20 19:46	75-00-3	
Chloroform	**<0.77**	ug/m3	0.77	0.21	1.55		06/15/20 19:46	67-66-3	
Chloromethane	**1.2**	ug/m3	0.65	0.10	1.55		06/15/20 19:46	74-87-3	
Cyclohexane	**<2.7**	ug/m3	2.7	0.23	1.55		06/15/20 19:46	110-82-7	
Dibromochloromethane	**<2.7**	ug/m3	2.7	0.62	1.55		06/15/20 19:46	124-48-1	
1,2-Dibromoethane (EDB)	**<1.2**	ug/m3	1.2	0.43	1.55		06/15/20 19:46	106-93-4	
1,2-Dichlorobenzene	**<1.9**	ug/m3	1.9	0.49	1.55		06/15/20 19:46	95-50-1	
1,3-Dichlorobenzene	**<1.9**	ug/m3	1.9	0.74	1.55		06/15/20 19:46	541-73-1	
1,4-Dichlorobenzene	**<4.7**	ug/m3	4.7	1.1	1.55		06/15/20 19:46	106-46-7	
Dichlorodifluoromethane	**2.2**	ug/m3	1.6	0.26	1.55		06/15/20 19:46	75-71-8	
1,1-Dichloroethane	**<1.3**	ug/m3	1.3	0.18	1.55		06/15/20 19:46	75-34-3	
1,2-Dichloroethane	**<0.64**	ug/m3	0.64	0.26	1.55		06/15/20 19:46	107-06-2	
1,1-Dichloroethene	**<1.2**	ug/m3	1.2	0.18	1.55		06/15/20 19:46	75-35-4	
cis-1,2-Dichloroethene	**<1.2**	ug/m3	1.2	0.18	1.55		06/15/20 19:46	156-59-2	
trans-1,2-Dichloroethene	**<1.2**	ug/m3	1.2	0.26	1.55		06/15/20 19:46	156-60-5	
1,2-Dichloropropane	**<1.5**	ug/m3	1.5	0.31	1.55		06/15/20 19:46	78-87-5	
cis-1,3-Dichloropropene	**<1.4**	ug/m3	1.4	0.58	1.55		06/15/20 19:46	10061-01-5	
trans-1,3-Dichloropropene	**<1.4**	ug/m3	1.4	0.41	1.55		06/15/20 19:46	10061-02-6	
Dichlorotetrafluoroethane	**<2.2**	ug/m3	2.2	0.24	1.55		06/15/20 19:46	76-14-2	
Ethanol	**5.4**	ug/m3	3.0	1.5	1.55		06/15/20 19:46	64-17-5	
Ethyl acetate	**<1.1**	ug/m3	1.1	0.29	1.55		06/15/20 19:46	141-78-6	
Ethylbenzene	**<1.4**	ug/m3	1.4	0.21	1.55		06/15/20 19:46	100-41-4	
4-Ethyltoluene	**<3.9**	ug/m3	3.9	0.66	1.55		06/15/20 19:46	622-96-8	
n-Heptane	**3.2**	ug/m3	1.3	0.31	1.55		06/15/20 19:46	142-82-5	
Hexachloro-1,3-butadiene	**<8.4**	ug/m3	8.4	1.9	1.55		06/15/20 19:46	87-68-3	
n-Hexane	**8.8**	ug/m3	1.1	0.31	1.55		06/15/20 19:46	110-54-3	
2-Hexanone	**<6.4**	ug/m3	6.4	0.53	1.55		06/15/20 19:46	591-78-6	
Methylene Chloride	**<5.5**	ug/m3	5.5	1.4	1.55		06/15/20 19:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<6.4**	ug/m3	6.4	0.27	1.55		06/15/20 19:46	108-10-1	
Methyl-tert-butyl ether	**<5.7**	ug/m3	5.7	0.16	1.55		06/15/20 19:46	1634-04-4	
Naphthalene	**<4.1**	ug/m3	4.1	2.0	1.55		06/15/20 19:46	91-20-3	
2-Propanol	**5.3**	ug/m3	3.9	0.59	1.55		06/15/20 19:46	67-63-0	
Propylene	**44.3**	ug/m3	0.54	0.15	1.55		06/15/20 19:46	115-07-1	
Styrene	**<1.3**	ug/m3	1.3	0.66	1.55		06/15/20 19:46	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

Sample: 23410-SGMP-7 **Lab ID: 10521435001** Collected: 06/11/20 12:49 Received: 06/12/20 13:20 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<1.1**	ug/m3	1.1	0.48	1.55		06/15/20 19:46	79-34-5	
Tetrachloroethene	**<1.1**	ug/m3	1.1	0.42	1.55		06/15/20 19:46	127-18-4	
Tetrahydrofuran	**0.96**	ug/m3	0.93	0.28	1.55		06/15/20 19:46	109-99-9	
Toluene	**5.2**	ug/m3	1.2	0.27	1.55		06/15/20 19:46	108-88-3	
1,2,4-Trichlorobenzene	**<11.7**	ug/m3	11.7	5.1	1.55		06/15/20 19:46	120-82-1	
1,1,1-Trichloroethane	**<1.7**	ug/m3	1.7	0.24	1.55		06/15/20 19:46	71-55-6	
1,1,2-Trichloroethane	**<0.86**	ug/m3	0.86	0.31	1.55		06/15/20 19:46	79-00-5	
Trichloroethene	**<0.85**	ug/m3	0.85	0.34	1.55		06/15/20 19:46	79-01-6	
Trichlorofluoromethane	**<1.8**	ug/m3	1.8	0.36	1.55		06/15/20 19:46	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<2.4**	ug/m3	2.4	0.40	1.55		06/15/20 19:46	76-13-1	
1,2,4-Trimethylbenzene	**<1.5**	ug/m3	1.5	0.48	1.55		06/15/20 19:46	95-63-6	
1,3,5-Trimethylbenzene	**<1.5**	ug/m3	1.5	0.39	1.55		06/15/20 19:46	108-67-8	
Vinyl acetate	**<1.1**	ug/m3	1.1	0.27	1.55		06/15/20 19:46	108-05-4	
Vinyl chloride	**<0.40**	ug/m3	0.40	0.15	1.55		06/15/20 19:46	75-01-4	
m&p-Xylene	**<2.7**	ug/m3	2.7	0.52	1.55		06/15/20 19:46	179601-23-1	
o-Xylene	**<1.4**	ug/m3	1.4	0.23	1.55		06/15/20 19:46	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

QC Batch: 681221
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10521435001

METHOD BLANK: 3645410 Matrix: Air
Associated Lab Samples: 10521435001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<1.1	1.1	0.15	06/15/20 13:37	
1,1,2,2-Tetrachloroethane	ug/m3	<0.70	0.70	0.31	06/15/20 13:37	
1,1,2-Trichloroethane	ug/m3	<0.56	0.56	0.20	06/15/20 13:37	
1,1,2-Trichlorotrifluoroethane	ug/m3	<1.6	1.6	0.26	06/15/20 13:37	
1,1-Dichloroethane	ug/m3	<0.82	0.82	0.11	06/15/20 13:37	
1,1-Dichloroethene	ug/m3	<0.81	0.81	0.12	06/15/20 13:37	
1,2,4-Trichlorobenzene	ug/m3	<7.5	7.5	3.3	06/15/20 13:37	
1,2,4-Trimethylbenzene	ug/m3	<1.0	1.0	0.31	06/15/20 13:37	
1,2-Dibromoethane (EDB)	ug/m3	<0.78	0.78	0.28	06/15/20 13:37	
1,2-Dichlorobenzene	ug/m3	<1.2	1.2	0.32	06/15/20 13:37	
1,2-Dichloroethane	ug/m3	<0.41	0.41	0.17	06/15/20 13:37	
1,2-Dichloropropane	ug/m3	<0.94	0.94	0.20	06/15/20 13:37	
1,3,5-Trimethylbenzene	ug/m3	<1.0	1.0	0.25	06/15/20 13:37	
1,3-Butadiene	ug/m3	<0.45	0.45	0.10	06/15/20 13:37	
1,3-Dichlorobenzene	ug/m3	<1.2	1.2	0.48	06/15/20 13:37	
1,4-Dichlorobenzene	ug/m3	<3.1	3.1	0.74	06/15/20 13:37	
2-Butanone (MEK)	ug/m3	<3.0	3.0	0.56	06/15/20 13:37	
2-Hexanone	ug/m3	<4.2	4.2	0.34	06/15/20 13:37	
2-Propanol	ug/m3	<2.5	2.5	0.38	06/15/20 13:37	
4-Ethyltoluene	ug/m3	<2.5	2.5	0.43	06/15/20 13:37	
4-Methyl-2-pentanone (MIBK)	ug/m3	<4.2	4.2	0.18	06/15/20 13:37	
Acetone	ug/m3	<6.0	6.0	1.3	06/15/20 13:37	
Benzene	ug/m3	<0.32	0.32	0.13	06/15/20 13:37	
Benzyl chloride	ug/m3	<2.6	2.6	0.47	06/15/20 13:37	
Bromodichloromethane	ug/m3	<1.4	1.4	0.18	06/15/20 13:37	
Bromoform	ug/m3	<5.2	5.2	1.8	06/15/20 13:37	
Bromomethane	ug/m3	<0.79	0.79	0.15	06/15/20 13:37	
Carbon disulfide	ug/m3	<0.63	0.63	0.11	06/15/20 13:37	
Carbon tetrachloride	ug/m3	<1.3	1.3	0.26	06/15/20 13:37	
Chlorobenzene	ug/m3	<0.94	0.94	0.13	06/15/20 13:37	
Chloroethane	ug/m3	<0.54	0.54	0.13	06/15/20 13:37	
Chloroform	ug/m3	<0.50	0.50	0.13	06/15/20 13:37	
Chloromethane	ug/m3	<0.42	0.42	0.066	06/15/20 13:37	
cis-1,2-Dichloroethene	ug/m3	<0.81	0.81	0.12	06/15/20 13:37	
cis-1,3-Dichloropropene	ug/m3	<0.92	0.92	0.37	06/15/20 13:37	
Cyclohexane	ug/m3	<1.8	1.8	0.15	06/15/20 13:37	
Dibromochloromethane	ug/m3	<1.7	1.7	0.40	06/15/20 13:37	
Dichlorodifluoromethane	ug/m3	<1.0	1.0	0.17	06/15/20 13:37	
Dichlorotetrafluoroethane	ug/m3	<1.4	1.4	0.16	06/15/20 13:37	
Ethanol	ug/m3	<1.9	1.9	0.94	06/15/20 13:37	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

METHOD BLANK: 3645410 Matrix: Air
Associated Lab Samples: 10521435001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.73	0.73	0.18	06/15/20 13:37	
Ethylbenzene	ug/m3	<0.88	0.88	0.14	06/15/20 13:37	
Hexachloro-1,3-butadiene	ug/m3	<5.4	5.4	1.2	06/15/20 13:37	
m&p-Xylene	ug/m3	<1.8	1.8	0.34	06/15/20 13:37	
Methyl-tert-butyl ether	ug/m3	<3.7	3.7	0.10	06/15/20 13:37	
Methylene Chloride	ug/m3	<3.5	3.5	0.93	06/15/20 13:37	
n-Heptane	ug/m3	<0.83	0.83	0.20	06/15/20 13:37	
n-Hexane	ug/m3	<0.72	0.72	0.20	06/15/20 13:37	
Naphthalene	ug/m3	<2.7	2.7	1.3	06/15/20 13:37	
o-Xylene	ug/m3	<0.88	0.88	0.15	06/15/20 13:37	
Propylene	ug/m3	<0.35	0.35	0.098	06/15/20 13:37	
Styrene	ug/m3	<0.87	0.87	0.43	06/15/20 13:37	
Tetrachloroethene	ug/m3	<0.69	0.69	0.27	06/15/20 13:37	
Tetrahydrofuran	ug/m3	<0.60	0.60	0.18	06/15/20 13:37	
Toluene	ug/m3	<0.77	0.77	0.17	06/15/20 13:37	
trans-1,2-Dichloroethene	ug/m3	<0.81	0.81	0.17	06/15/20 13:37	
trans-1,3-Dichloropropene	ug/m3	<0.92	0.92	0.26	06/15/20 13:37	
Trichloroethene	ug/m3	<0.55	0.55	0.22	06/15/20 13:37	
Trichlorofluoromethane	ug/m3	<1.1	1.1	0.23	06/15/20 13:37	
Vinyl acetate	ug/m3	<0.72	0.72	0.18	06/15/20 13:37	
Vinyl chloride	ug/m3	<0.26	0.26	0.096	06/15/20 13:37	

LABORATORY CONTROL SAMPLE: 3645411

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	56.7	52.1	92	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	73.4	58.7	80	70-132	
1,1,2-Trichloroethane	ug/m3	57.4	50.5	88	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.1	71.1	88	70-130	
1,1-Dichloroethane	ug/m3	43	38.0	88	70-130	
1,1-Dichloroethene	ug/m3	43.2	36.4	84	69-137	
1,2,4-Trichlorobenzene	ug/m3	81.1	74.3	92	70-130	
1,2,4-Trimethylbenzene	ug/m3	52.3	46.4	89	70-137	
1,2-Dibromoethane (EDB)	ug/m3	82.1	71.9	88	70-138	
1,2-Dichlorobenzene	ug/m3	63.2	57.1	90	70-136	
1,2-Dichloroethane	ug/m3	42.8	39.0	91	70-130	
1,2-Dichloropropane	ug/m3	48.8	42.4	87	70-132	
1,3,5-Trimethylbenzene	ug/m3	53	44.3	84	70-136	
1,3-Butadiene	ug/m3	24.6	20.2	82	67-139	
1,3-Dichlorobenzene	ug/m3	60.3	60.3	100	70-138	
1,4-Dichlorobenzene	ug/m3	66	63.8	97	70-145	
2-Butanone (MEK)	ug/m3	30	25.7	86	61-130	
2-Hexanone	ug/m3	37.6	38.3	102	70-138	
2-Propanol	ug/m3	27.5	22.3	81	70-136	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

LABORATORY CONTROL SAMPLE: 3645411

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.7	49.1	93	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	42.1	38.5	91	70-134	
Acetone	ug/m3	26.2	21.1	81	59-137	
Benzene	ug/m3	34.4	29.0	84	70-133	
Benzyl chloride	ug/m3	52.4	46.0	88	70-139	
Bromodichloromethane	ug/m3	69.1	64.2	93	70-130	
Bromoform	ug/m3	108	119	110	60-140	
Bromomethane	ug/m3	41	35.2	86	70-131	
Carbon disulfide	ug/m3	34.3	28.6	83	70-130	
Carbon tetrachloride	ug/m3	65.5	62.1	95	70-133	
Chlorobenzene	ug/m3	49.5	39.6	80	70-131	
Chloroethane	ug/m3	28	23.5	84	70-141	
Chloroform	ug/m3	50	44.0	88	70-130	
Chloromethane	ug/m3	22.1	18.6	84	64-137	
cis-1,2-Dichloroethene	ug/m3	41.8	36.5	87	70-132	
cis-1,3-Dichloropropene	ug/m3	46	46.1	100	70-138	
Cyclohexane	ug/m3	36.4	32.1	88	70-133	
Dibromochloromethane	ug/m3	88.7	79.5	90	70-139	
Dichlorodifluoromethane	ug/m3	54.9	46.1	84	70-130	
Dichlorotetrafluoroethane	ug/m3	77.9	62.0	80	65-133	
Ethanol	ug/m3	21.1	17.5	83	65-135	
Ethyl acetate	ug/m3	37.7	33.3	88	70-135	
Ethylbenzene	ug/m3	46.3	40.5	87	70-142	
Hexachloro-1,3-butadiene	ug/m3	116	109	93	70-134	
m&p-Xylene	ug/m3	46	40.6	88	70-141	
Methyl-tert-butyl ether	ug/m3	34.9	33.3	95	70-131	
Methylene Chloride	ug/m3	38.8	34.9	90	69-130	
n-Heptane	ug/m3	42.8	37.1	87	70-130	
n-Hexane	ug/m3	36.8	31.7	86	70-131	
Naphthalene	ug/m3	58.3	47.9	82	63-130	
o-Xylene	ug/m3	46.5	39.0	84	70-135	
Propylene	ug/m3	18.3	15.4	84	63-139	
Styrene	ug/m3	45.2	43.0	95	70-143	
Tetrachloroethene	ug/m3	74.9	59.0	79	70-136	
Tetrahydrofuran	ug/m3	29.8	25.9	87	70-137	
Toluene	ug/m3	40.4	35.7	88	70-136	
trans-1,2-Dichloroethene	ug/m3	41.9	36.1	86	70-132	
trans-1,3-Dichloropropene	ug/m3	43.4	46.0	106	70-139	
Trichloroethene	ug/m3	56.7	50.1	88	70-132	
Trichlorofluoromethane	ug/m3	59.6	53.2	89	65-136	
Vinyl acetate	ug/m3	32.5	33.7	104	66-140	
Vinyl chloride	ug/m3	28.5	22.7	79	68-141	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

SAMPLE DUPLICATE: 3646149

Parameter	Units	10521449001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<1.7		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<1.1		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.86		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<2.4		25	
1,1-Dichloroethane	ug/m3	ND	<1.3		25	
1,1-Dichloroethene	ug/m3	ND	<1.2		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<11.7		25	
1,2,4-Trimethylbenzene	ug/m3	ND	<1.5		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<1.2		25	
1,2-Dichlorobenzene	ug/m3	ND	<1.9		25	
1,2-Dichloroethane	ug/m3	ND	<0.64		25	
1,2-Dichloropropane	ug/m3	ND	<1.5		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<1.5		25	
1,3-Butadiene	ug/m3	ND	<0.70		25	
1,3-Dichlorobenzene	ug/m3	ND	<1.9		25	
1,4-Dichlorobenzene	ug/m3	ND	<4.7		25	
2-Butanone (MEK)	ug/m3	ND	<4.6		25	
2-Hexanone	ug/m3	ND	<6.4		25	
2-Propanol	ug/m3	14.2	14.2	0	25	
4-Ethyltoluene	ug/m3	ND	<3.9		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<6.4		25	
Acetone	ug/m3	29.5	31.2	6	25	
Benzene	ug/m3	0.87	0.89	2	25	
Benzyl chloride	ug/m3	ND	<4.1		25	
Bromodichloromethane	ug/m3	ND	<2.1		25	
Bromoform	ug/m3	ND	<8.1		25	
Bromomethane	ug/m3	ND	<1.2		25	
Carbon disulfide	ug/m3	ND	<0.98		25	
Carbon tetrachloride	ug/m3	ND	<2.0		25	
Chlorobenzene	ug/m3	ND	<1.5		25	
Chloroethane	ug/m3	ND	<0.83		25	
Chloroform	ug/m3	ND	<0.77		25	
Chloromethane	ug/m3	ND	<0.65		25	
cis-1,2-Dichloroethene	ug/m3	ND	<1.2		25	
cis-1,3-Dichloropropene	ug/m3	ND	<1.4		25	
Cyclohexane	ug/m3	ND	<2.7		25	
Dibromochloromethane	ug/m3	ND	<2.7		25	
Dichlorodifluoromethane	ug/m3	2.5	2.6	4	25	
Dichlorotetrafluoroethane	ug/m3	ND	<2.2		25	
Ethanol	ug/m3	65.1	65.9	1	25	
Ethyl acetate	ug/m3	ND	<1.1		25	
Ethylbenzene	ug/m3	ND	<1.4		25	
Hexachloro-1,3-butadiene	ug/m3	ND	<8.4		25	
m&p-Xylene	ug/m3	3.4	3.4	1	25	
Methyl-tert-butyl ether	ug/m3	ND	<5.7		25	
Methylene Chloride	ug/m3	47.3	46.7	1	25	
n-Heptane	ug/m3	ND	<1.3		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

SAMPLE DUPLICATE: 3646149

Parameter	Units	10521449001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	5.2	5.1	1	25	
Naphthalene	ug/m3	ND	<4.1		25	
o-Xylene	ug/m3	ND	<1.4		25	
Propylene	ug/m3	ND	<0.54		25	
Styrene	ug/m3	ND	<1.3		25	
Tetrachloroethene	ug/m3	7.9	8.2	3	25	
Tetrahydrofuran	ug/m3	7.9	8.2	3	25	
Toluene	ug/m3	2.1	2.1	3	25	
trans-1,2-Dichloroethene	ug/m3	ND	<1.2		25	
trans-1,3-Dichloropropene	ug/m3	ND	<1.4		25	
Trichloroethene	ug/m3	ND	<0.85		25	
Trichlorofluoromethane	ug/m3	2.0	2.0	1	25	
Vinyl acetate	ug/m3	ND	<1.1		25	
Vinyl chloride	ug/m3	ND	<0.40		25	

SAMPLE DUPLICATE: 3646150

Parameter	Units	10521449002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<1.7		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<1.1		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.86		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<2.4		25	
1,1-Dichloroethane	ug/m3	ND	<1.3		25	
1,1-Dichloroethene	ug/m3	ND	<1.2		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<11.7		25	
1,2,4-Trimethylbenzene	ug/m3	ND	<1.5		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<1.2		25	
1,2-Dichlorobenzene	ug/m3	ND	<1.9		25	
1,2-Dichloroethane	ug/m3	ND	<0.64		25	
1,2-Dichloropropane	ug/m3	ND	<1.5		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<1.5		25	
1,3-Butadiene	ug/m3	ND	<0.70		25	
1,3-Dichlorobenzene	ug/m3	ND	<1.9		25	
1,4-Dichlorobenzene	ug/m3	26.7	26.3	1	25	
2-Butanone (MEK)	ug/m3	6.8	7.2	7	25	
2-Hexanone	ug/m3	ND	<6.4		25	
2-Propanol	ug/m3	28.0	28.4	1	25	
4-Ethyltoluene	ug/m3	ND	<3.9		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<6.4		25	
Acetone	ug/m3	69.7	68.8	1	25	
Benzene	ug/m3	1.8	1.8	0	25	
Benzyl chloride	ug/m3	ND	<4.1		25	
Bromodichloromethane	ug/m3	ND	<2.1		25	
Bromoform	ug/m3	ND	<8.1		25	
Bromomethane	ug/m3	ND	<1.2		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

SAMPLE DUPLICATE: 3646150

Parameter	Units	10521449002 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	1.5	1.5	2	25	
Carbon tetrachloride	ug/m3	ND	<2.0		25	
Chlorobenzene	ug/m3	ND	<1.5		25	
Chloroethane	ug/m3	ND	<0.83		25	
Chloroform	ug/m3	ND	<0.77		25	
Chloromethane	ug/m3	ND	<0.65		25	
cis-1,2-Dichloroethene	ug/m3	ND	<1.2		25	
cis-1,3-Dichloropropene	ug/m3	ND	<1.4		25	
Cyclohexane	ug/m3	3.0	2.9	4	25	
Dibromochloromethane	ug/m3	ND	<2.7		25	
Dichlorodifluoromethane	ug/m3	3.0	3.0	1	25	
Dichlorotetrafluoroethane	ug/m3	ND	<2.2		25	
Ethanol	ug/m3	154	153	1	25	
Ethyl acetate	ug/m3	ND	<1.1		25	
Ethylbenzene	ug/m3	1.5	1.6	3	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<8.4		25	
m&p-Xylene	ug/m3	3.2	3.2	0	25	
Methyl-tert-butyl ether	ug/m3	ND	<5.7		25	
Methylene Chloride	ug/m3	ND	<5.5		25	
n-Heptane	ug/m3	2.0	2.1	8	25	
n-Hexane	ug/m3	7.3	7.4	2	25	
Naphthalene	ug/m3	ND	<4.1		25	
o-Xylene	ug/m3	ND	<1.4		25	
Propylene	ug/m3	ND	<0.54		25	
Styrene	ug/m3	ND	<1.3		25	
Tetrachloroethene	ug/m3	17.9	17.7	1	25	
Tetrahydrofuran	ug/m3	11.9	12.5	5	25	
Toluene	ug/m3	3.6	3.7	3	25	
trans-1,2-Dichloroethene	ug/m3	ND	<1.2		25	
trans-1,3-Dichloropropene	ug/m3	ND	<1.4		25	
Trichloroethene	ug/m3	ND	<0.85		25	
Trichlorofluoromethane	ug/m3	2.3	2.3	2	25	
Vinyl acetate	ug/m3	ND	<1.1		25	
Vinyl chloride	ug/m3	ND	<0.40		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10521435001

[1] The Total Hydrocarbon (THC) pattern occured in the second half of the chromatogram (after toluene).

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10521435

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10521435001	**23410-SGMP-7**	TO-15	681221		

MINNESOTA POLLUTION CONTROL AGENCY

MPCA Chain-of-Custody Form revision 2017.0328

* indicates a required field

Work Order Number: 3000025699 COC Type: STANDARD Page: 1 of 1

Turnaround Time: STANDARD COC ID: 1058S-3

FOR LAB USE ONLY

PROJECT/CLIENT INFO

Facility Code:*	SA0000292
Program Code (MDH Lab Only):	
Project Name:*	Bober Pharmacy (VP23410)
Project Task Code:*	PRJ08103
Project Manager:*	Melissa Meeuwsen
Potential Hazard?	If yes, add information to Sampler Comments Section

LABORATORY

Lab Name:	Pace Analytical Services, LLC.
Address:	1700 Elm Street SE, Suite 200
	Minneapolis, MN 55414
EPA Lab ID:*	MN00064

Lab Work Order Sticker

SAMPLE DETAILS

ANALYSIS REQUESTED

SAMPLE TYPES
Sample=Routine Sample
QC-FB=Field Blank Sample
QC-FR=Field Replicate Sample
QC-TB=Trip Blank Sample
QC-EB=Equipment Blank
Treated-Mid=Treatment system sample
Treated-Post=Treatment system sample

SAMPLING METHODS
G=Grab sample
CT=Composite, time-paced w/AS
CF=Composite w/AS
D-T=Discrete,time-paced w/AS
D-F=Discrete,flow-paced w/AS
SW-GAS=Gas Sampling
Unknown=Unknown

LAB MATRICES
DW=Drinking Water
NW=Nonpotable Water
SD=Soil/Solid
AR=Air
BL=Biological Material
OT=Other
TS=Tissue

FIELD MATRICES
Wtr-Ground=Groundwater
Wtr-Surf=Surface Water
Wtr-Drink=Drinking Water
QC-BLANK=Artificial Blank Water
Leachate=Leachate Sample
Air-Indoor=Indoor Air
Gas-Soil=Soil Gas

MN Location Identifier*	Field Name	Sample Type*	Start Date* (mm/dd/yyyy)	Start Time* 24 hr (hh:mm)	Depth Start	Depth End	Depth Units (m or ft.)	Sampling Method	Complete ONLY if Method is CT, CF, D-T, or D-F: End Date (mm/dd/yyyy)	End Time 24 hr (hh:mm)	Lab Matrix*	Field Matrix*	AIS	Sampler Comments (filter volume, special handling, etc.)	# of Cont	FIELD PRESERVY	ANALYSIS: TO-15		Canister #	Flow Controller #		Lab Sample No.	#
2001006135	23410-SGMP-7	Sample	6/11/2020	12:11	2.1	2.3	M	CT	6/11/2020	12:49	AR	Gas-Soil	N	Start 30"Hg/End 4"Hg	1	N	X		0505	0679		001	1
																N							2
																							3
																							4
																							5
																							6
																							7
																							8
																							9
																							10

Sampler's Name: Sam Wahl Phone #:* 651-770-1500

Sampler's Signature:* Sam Wahl

Sampler's Organization:* Terracon Consultants, Inc.

Billing Organization: Terracon Consultants, Inc. Acct:* MPCA PO 3000025699

Address: 955 Wells Street Suite 100, St. Paul, MN 55106

Courier Name: Pace Analytical Services, LLC. Tracking #: NA

Receiving Comments: Samples sealed in box and shipped via Pace courier.

Relinquished By/Affiliation	Date/Time	Accepted By/ Affiliation	Date/Time
(Sampler) Sam / Terracon	6/11/20 1430	Ali Nowaski	6/12 1:20
Ali Nowaski PACE	6/12 1:20	Pace	6/12/20 13:20

WO#: 10521435

10521435

Pace Analytical®	Document Name: Air Sample Condition Upon Receipt	Document Revised: 19Nov2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.20	Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: Terracon **Project #:** WO#: 10521435

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Pace ☐ SpeeDee ☐ Commercial **See Exception** ☐

PM: AA1 **Due Date:** 06/19/20

CLIENT: TERRACON-M/P

Tracking Number:

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Foam ☒ None ☐ Tin Can ☐ Other: **Temp Blank rec:** ☐ Yes ☒ No

Temp. (TO17 and TO13 samples only) (°C): — **Corrected Temp (°C):** — **Thermometer Used:** ☐ G87A9170600254 ☐ G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** — **Date & Initials of Person Examining Contents:** PL 6/12/20

Type of ice Received ☐ Blue ☐ Wet ☒ None

		Comments:
Chain of Custody Present?	☒ Yes ☐ No	1.
Chain of Custody Filled Out?	☒ Yes ☐ No	2.
Chain of Custody Relinquished?	☒ Yes ☐ No	3.
Sampler Name and/or Signature on COC?	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes ☒ No	6.
Rush Turn Around Time Requested?	☐ Yes ☒ No	7.
Sufficient Volume?	☒ Yes ☐ No	8.
Correct Containers Used? **(Tedlar bags not acceptable container for TO-14, TO-15 or APH)** -Pace Containers Used?	☒ Yes ☐ No ☒ Yes ☐ No	9.
Containers Intact? **(visual inspection/no leaks when pressurized)**	☒ Yes ☐ No	10.
Media: Air Can Airbag Filter TDT Passive		11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒ Yes ☐ No	12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☒ Yes ☐ No	13.

Gauge # ☐ 10AIR26 ☐ 10AIR34 ☐ 10AIR35 ☐ 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SGMP 7	505	679	-4	+5					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Carl Lynch **Date:** 6/15/20

Data File: \\192.168.10.12\chem\10air0.i\061520.b\16723.D
Report Date: 16-Jun-2020 10:40

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10air0.i\061520.b\16723.D
Lab Smp Id: 10521432001
Inj Date : 15-JUN-2020 19:46
Operator : MG2 Inst ID: 10air0.i
Smp Info :
Misc Info : 36983
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10air0.i\061520.b\TO15_167-20.m
Meth Date : 16-Jun-2020 10:22 mgrinstein Quant Type: ISTD
Cal Date : 15-JUN-2020 12:12 Cal File: 16710.D
Als bottle: 23
Dil Factor: 1.55000
Integrator: HP RTE Compound Sublist: all_SAMPLE.sub
Target Version: RC10A
Processing Host: 10MNAIRWKS09

Concentration Formula: Amt * DF * Uf * CpndVariable

Name	Value	Description
DF	1.550	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

COMPOUND	RT	AREA	AMOUNT
11 Ethanol	3.026	92998	1.812
31 Methyl Ethyl Ketone	4.125	610443	7.051
88 N-Butylbenzene	11.967	51103	0.025

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
1,2-Butadiene					CAS #: 590-19-2		
2.891	217617	4.23928406	6.57	90	NBS75K.l	63	11
Butanal					CAS #: 123-72-8		
4.087	523386	6.04572455	9.37	52	NBS75K.l	265	31
Tridecane					CAS #: 629-50-5		
12.324	16377719	8.13677018	12.6	90	NBS75K.l	69019	88(L)

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\192.168.10.12\chem\10air0.i\061520.b\16723.D
Report Date: 16-Jun-2020 10:40

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Client SDG: 061520.b
Lab Smp Id: 10521432001
Operator : MG2
Sample Date:
Sample Location:
Sample Point:
Sample Matrix: AIR
Date Received:
Analysis Type: VOA
Level: LOW
Inj Date: 15-JUN-2020 19:46

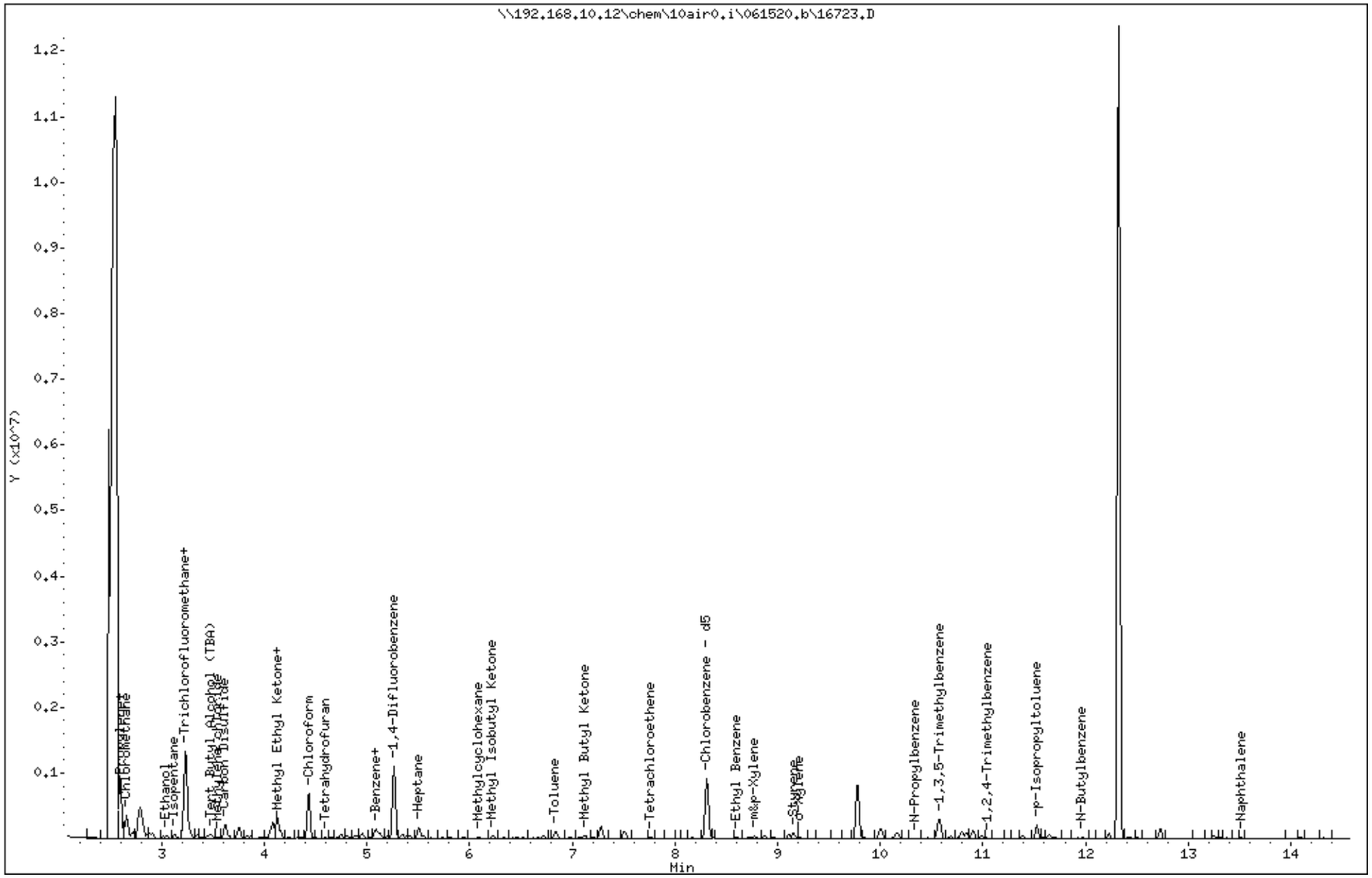
Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/KG) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 590-19-2	1,2-Butadiene	2.891	6.57	NJ__
2. 123-72-8	Butanal	4.087	9.37	NJ__
3. 629-50-5	Tridecane	12.324	12.6	NJ__

Data File: \\192.168.10.12\chem\10air0.i\061520.b\16723.D
Date : 15-JUN-2020 19:46
Client ID:
Sample Info:

Instrument: 10air0.i
Operator: MG2
Column phase: ZB-5MSplus SN338857
Column diameter: 0.32



Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

November 10, 2020

Justin Enwall
Terracon Consultants, Inc.
955 Wells St
Suite 100
Saint Paul, MN 55106

RE: Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Dear Justin Enwall:

Enclosed are the analytical results for sample(s) received by the laboratory on October 27, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amanda Albrecht
amanda.albrecht@pacelabs.com
(612)607-6382
Project Manager

Enclosures

cc: Accounts Payable, Terracon Consultants, Inc.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Pace Analytical Services - Minneapolis MN
1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
A2LA Certification #: 2926.01*
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Massachusetts DWP Certification #: via MN 027-053-137
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240*
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563*
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10537072001	**1058S-SS-1**	Air	10/26/20 10:09	10/27/20 12:15
10537072002	**1058S-SS-1 CERT#2522**	Air	10/26/20 10:09	10/27/20 12:15
10537072003	**1058S-SS-2**	Air	10/26/20 10:09	10/27/20 12:15
10537072004	**1058S-SS-2 CERT#3197**	Air	10/26/20 10:09	10/27/20 12:15
10537072005	**1058S-SS-3**	Air	10/26/20 10:10	10/27/20 12:15
10537072006	**1058S-SS-3 CERT#2542**	Air	10/26/20 10:10	10/27/20 12:15

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10537072001	**1058S-SS-1**	TO-15	CH1	61
10537072002	**1058S-SS-1 CERT#2522**	TO-15	MJL	61
10537072003	**1058S-SS-2**	TO-15	CH1	61
10537072004	**1058S-SS-2 CERT#3197**	TO-15	MJL	61
10537072005	**1058S-SS-3**	TO-15	CH1	61
10537072006	**1058S-SS-3 CERT#2542**	TO-15	MJL	61

PASI-M = Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Date: November 10, 2020

1058S-SS-1 (Lab ID: 10537072001)

- Analysis performed at 1800 Elm Street.
- K3: The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

1058S-SS-2 (Lab ID: 10537072003)

- Analysis performed at 1800 Elm Street.
- K3: The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

1058S-SS-3 (Lab ID: 10537072005)

- Analysis performed at 1800 Elm Street.
- K3: The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

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(612)607-1700

PROJECT NARRATIVE

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Method: **TO-15**
Description: TO15 MSV AIR
Client: Terracon Consultants, Inc - St. Paul
Date: November 10, 2020

General Information:
3 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Method: **TO-15**
Description: Individual Can Certification
Client: Terracon Consultants, Inc - St. Paul
Date: November 10, 2020

General Information:
3 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-1 **Lab ID: 10537072001** Collected: 10/26/20 10:09 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**10.4**	ug/m3	10.3	3.8	1.71		11/06/20 13:39	67-64-1	
Benzene	ND	ug/m3	0.56	0.17	1.71		11/06/20 13:39	71-43-2	
Benzyl chloride	ND	ug/m3	4.5	2.3	1.71		11/06/20 13:39	100-44-7	
Bromodichloromethane	ND	ug/m3	2.3	0.37	1.71		11/06/20 13:39	75-27-4	
Bromoform	ND	ug/m3	9.0	1.4	1.71		11/06/20 13:39	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.32	1.71		11/06/20 13:39	74-83-9	
1,3-Butadiene	ND	ug/m3	0.77	0.20	1.71		11/06/20 13:39	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.1	1.5	1.71		11/06/20 13:39	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.16	1.71		11/06/20 13:39	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.2	0.37	1.71		11/06/20 13:39	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.26	1.71		11/06/20 13:39	108-90-7	
Chloroethane	ND	ug/m3	0.92	0.25	1.71		11/06/20 13:39	75-00-3	
Chloroform	ND	ug/m3	0.85	0.26	1.71		11/06/20 13:39	67-66-3	
Chloromethane	ND	ug/m3	0.72	0.14	1.71		11/06/20 13:39	74-87-3	
Cyclohexane	ND	ug/m3	3.0	0.31	1.71		11/06/20 13:39	110-82-7	
Dibromochloromethane	ND	ug/m3	3.0	0.54	1.71		11/06/20 13:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.3	0.37	1.71		11/06/20 13:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.1	1.2	1.71		11/06/20 13:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.1	1.4	1.71		11/06/20 13:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.2	1.7	1.71		11/06/20 13:39	106-46-7	
Dichlorodifluoromethane	**2.7**	ug/m3	1.7	0.94	1.71		11/06/20 13:39	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.4	0.22	1.71		11/06/20 13:39	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.70	0.22	1.71		11/06/20 13:39	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.23	1.71		11/06/20 13:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.24	1.71		11/06/20 13:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.29	1.71		11/06/20 13:39	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	0.29	1.71		11/06/20 13:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.26	1.71		11/06/20 13:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.30	1.71		11/06/20 13:39	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	0.41	1.71		11/06/20 13:39	76-14-2	
Ethanol	**3.3**	ug/m3	3.3	0.97	1.71		11/06/20 13:39	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.19	1.71		11/06/20 13:39	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.25	1.71		11/06/20 13:39	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.3	0.37	1.71		11/06/20 13:39	622-96-8	
n-Heptane	ND	ug/m3	1.4	0.26	1.71		11/06/20 13:39	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.3	3.3	1.71		11/06/20 13:39	87-68-3	
n-Hexane	ND	ug/m3	1.2	0.37	1.71		11/06/20 13:39	110-54-3	
2-Hexanone	ND	ug/m3	7.1	1.2	1.71		11/06/20 13:39	591-78-6	
Methylene Chloride	ND	ug/m3	6.0	2.2	1.71		11/06/20 13:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.1	0.17	1.71		11/06/20 13:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.3	0.22	1.71		11/06/20 13:39	1634-04-4	
Naphthalene	ND	ug/m3	4.5	3.2	1.71		11/06/20 13:39	91-20-3	
2-Propanol	ND	ug/m3	4.3	1.5	1.71		11/06/20 13:39	67-63-0	
Propylene	ND	ug/m3	0.60	0.41	1.71		11/06/20 13:39	115-07-1	
Styrene	ND	ug/m3	1.5	0.41	1.71		11/06/20 13:39	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-1 **Lab ID: 10537072001** Collected: 10/26/20 10:09 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.36	1.71		11/06/20 13:39	79-34-5	
Tetrachloroethene	ND	ug/m3	1.2	0.37	1.71		11/06/20 13:39	127-18-4	
Tetrahydrofuran	**1.8**	ug/m3	1.0	0.22	1.71		11/06/20 13:39	109-99-9	
Toluene	**3.3**	ug/m3	1.3	0.19	1.71		11/06/20 13:39	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.9	6.7	1.71		11/06/20 13:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	0.33	1.71		11/06/20 13:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.95	0.27	1.71		11/06/20 13:39	79-00-5	
Trichloroethene	ND	ug/m3	0.93	0.33	1.71		11/06/20 13:39	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.9	0.41	1.71		11/06/20 13:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.7	0.40	1.71		11/06/20 13:39	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.7	0.23	1.71		11/06/20 13:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.7	0.35	1.71		11/06/20 13:39	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.19	1.71		11/06/20 13:39	108-05-4	
Vinyl chloride	ND	ug/m3	0.44	0.15	1.71		11/06/20 13:39	75-01-4	
m&p-Xylene	ND	ug/m3	3.0	0.65	1.71		11/06/20 13:39	179601-23-1	
o-Xylene	ND	ug/m3	1.5	0.24	1.71		11/06/20 13:39	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-1 CERT#2522 **Lab ID: 10537072002** Collected: 10/26/20 10:09 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		10/13/20 22:06	67-64-1	
Benzene	ND	ug/m3	0.32	0.13	1		10/13/20 22:06	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.33	1		10/13/20 22:06	100-44-7	
Bromodichloromethane	ND	ug/m3	1.4	0.26	1		10/13/20 22:06	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		10/13/20 22:06	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.18	1		10/13/20 22:06	74-83-9	
1,3-Butadiene	ND	ug/m3	0.45	0.10	1		10/13/20 22:06	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.54	1		10/13/20 22:06	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.20	1		10/13/20 22:06	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	0.15	1		10/13/20 22:06	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.15	1		10/13/20 22:06	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.13	1		10/13/20 22:06	75-00-3	
Chloroform	ND	ug/m3	0.50	0.19	1		10/13/20 22:06	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.096	1		10/13/20 22:06	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.23	1		10/13/20 22:06	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.30	1		10/13/20 22:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.78	0.32	1		10/13/20 22:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.38	1		10/13/20 22:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.47	1		10/13/20 22:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.84	1		10/13/20 22:06	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.15	1		10/13/20 22:06	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.82	0.13	1		10/13/20 22:06	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.41	0.18	1		10/13/20 22:06	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.81	0.14	1		10/13/20 22:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.81	0.16	1		10/13/20 22:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.81	0.17	1		10/13/20 22:06	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.94	0.17	1		10/13/20 22:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.92	0.22	1		10/13/20 22:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.92	0.28	1		10/13/20 22:06	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.33	1		10/13/20 22:06	76-14-2	
Ethanol	ND	ug/m3	1.9	0.94	1		10/13/20 22:06	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.17	1		10/13/20 22:06	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.18	1		10/13/20 22:06	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.48	1		10/13/20 22:06	622-96-8	
n-Heptane	ND	ug/m3	2.1	0.17	1		10/13/20 22:06	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	0.80	1		10/13/20 22:06	87-68-3	
n-Hexane	ND	ug/m3	1.8	0.24	1		10/13/20 22:06	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.36	1		10/13/20 22:06	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.99	1		10/13/20 22:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.21	1		10/13/20 22:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.14	1		10/13/20 22:06	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.2	1		10/13/20 22:06	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.85	1		10/13/20 22:06	67-63-0	
Propylene	ND	ug/m3	0.35	0.098	1		10/13/20 22:06	115-07-1	
Styrene	ND	ug/m3	0.87	0.37	1		10/13/20 22:06	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-1 CERT#2522 **Lab ID: 10537072002** Collected: 10/26/20 10:09 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.70	0.30	1		10/13/20 22:06	79-34-5	
Tetrachloroethene	ND	ug/m3	0.69	0.29	1		10/13/20 22:06	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.17	1		10/13/20 22:06	109-99-9	
Toluene	ND	ug/m3	0.77	0.17	1		10/13/20 22:06	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.3	1		10/13/20 22:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.1	0.13	1		10/13/20 22:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.56	0.22	1		10/13/20 22:06	79-00-5	
Trichloroethene	ND	ug/m3	0.55	0.18	1		10/13/20 22:06	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.28	1		10/13/20 22:06	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.25	1		10/13/20 22:06	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.41	1		10/13/20 22:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.30	1		10/13/20 22:06	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.18	1		10/13/20 22:06	108-05-4	
Vinyl chloride	ND	ug/m3	0.26	0.10	1		10/13/20 22:06	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.43	1		10/13/20 22:06	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.19	1		10/13/20 22:06	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-2 **Lab ID: 10537072003** Collected: 10/26/20 10:09 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**11.4**	ug/m3	10.1	3.7	1.68		11/06/20 14:07	67-64-1	
Benzene	ND	ug/m3	0.55	0.16	1.68		11/06/20 14:07	71-43-2	
Benzyl chloride	ND	ug/m3	4.4	2.2	1.68		11/06/20 14:07	100-44-7	
Bromodichloromethane	ND	ug/m3	2.3	0.36	1.68		11/06/20 14:07	75-27-4	
Bromoform	ND	ug/m3	8.8	1.4	1.68		11/06/20 14:07	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.32	1.68		11/06/20 14:07	74-83-9	
1,3-Butadiene	ND	ug/m3	0.76	0.19	1.68		11/06/20 14:07	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.0	1.5	1.68		11/06/20 14:07	78-93-3	
Carbon disulfide	**1.8**	ug/m3	1.1	0.16	1.68		11/06/20 14:07	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.2	0.36	1.68		11/06/20 14:07	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.26	1.68		11/06/20 14:07	108-90-7	
Chloroethane	ND	ug/m3	0.90	0.24	1.68		11/06/20 14:07	75-00-3	
Chloroform	ND	ug/m3	0.83	0.25	1.68		11/06/20 14:07	67-66-3	
Chloromethane	ND	ug/m3	0.71	0.14	1.68		11/06/20 14:07	74-87-3	
Cyclohexane	**3.4**	ug/m3	2.9	0.31	1.68		11/06/20 14:07	110-82-7	
Dibromochloromethane	ND	ug/m3	2.9	0.53	1.68		11/06/20 14:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.3	0.36	1.68		11/06/20 14:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	1.2	1.68		11/06/20 14:07	95-50-1	
1,3-Dichlorobenzene	**3.5**	ug/m3	2.0	1.4	1.68		11/06/20 14:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.1	1.6	1.68		11/06/20 14:07	106-46-7	
Dichlorodifluoromethane	**2.4**	ug/m3	1.7	0.92	1.68		11/06/20 14:07	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.4	0.22	1.68		11/06/20 14:07	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.69	0.22	1.68		11/06/20 14:07	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.22	1.68		11/06/20 14:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.24	1.68		11/06/20 14:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.29	1.68		11/06/20 14:07	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	0.28	1.68		11/06/20 14:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.26	1.68		11/06/20 14:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.29	1.68		11/06/20 14:07	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	0.41	1.68		11/06/20 14:07	76-14-2	
Ethanol	**8.6**	ug/m3	3.2	0.95	1.68		11/06/20 14:07	64-17-5	
Ethyl acetate	ND	ug/m3	1.2	0.19	1.68		11/06/20 14:07	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.25	1.68		11/06/20 14:07	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.2	0.37	1.68		11/06/20 14:07	622-96-8	
n-Heptane	ND	ug/m3	1.4	0.26	1.68		11/06/20 14:07	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.1	3.3	1.68		11/06/20 14:07	87-68-3	
n-Hexane	ND	ug/m3	1.2	0.36	1.68		11/06/20 14:07	110-54-3	
2-Hexanone	ND	ug/m3	7.0	1.2	1.68		11/06/20 14:07	591-78-6	
Methylene Chloride	ND	ug/m3	5.9	2.1	1.68		11/06/20 14:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.0	0.17	1.68		11/06/20 14:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.1	0.22	1.68		11/06/20 14:07	1634-04-4	
Naphthalene	ND	ug/m3	4.5	3.2	1.68		11/06/20 14:07	91-20-3	
2-Propanol	**12.9**	ug/m3	4.2	1.4	1.68		11/06/20 14:07	67-63-0	
Propylene	ND	ug/m3	0.59	0.40	1.68		11/06/20 14:07	115-07-1	
Styrene	ND	ug/m3	1.5	0.40	1.68		11/06/20 14:07	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-2 **Lab ID: 10537072003** Collected: 10/26/20 10:09 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.36	1.68		11/06/20 14:07	79-34-5	
Tetrachloroethene	ND	ug/m3	1.2	0.36	1.68		11/06/20 14:07	127-18-4	
Tetrahydrofuran	**3.2**	ug/m3	1.0	0.22	1.68		11/06/20 14:07	109-99-9	
Toluene	ND	ug/m3	1.3	0.19	1.68		11/06/20 14:07	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.7	6.6	1.68		11/06/20 14:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	0.32	1.68		11/06/20 14:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.93	0.26	1.68		11/06/20 14:07	79-00-5	
Trichloroethene	ND	ug/m3	0.92	0.32	1.68		11/06/20 14:07	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.9	0.40	1.68		11/06/20 14:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.6	0.39	1.68		11/06/20 14:07	76-13-1	
1,2,4-Trimethylbenzene	**4.2**	ug/m3	1.7	0.23	1.68		11/06/20 14:07	95-63-6	
1,3,5-Trimethylbenzene	**4.6**	ug/m3	1.7	0.34	1.68		11/06/20 14:07	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.18	1.68		11/06/20 14:07	108-05-4	
Vinyl chloride	ND	ug/m3	0.44	0.14	1.68		11/06/20 14:07	75-01-4	
m&p-Xylene	**8.2**	ug/m3	3.0	0.64	1.68		11/06/20 14:07	179601-23-1	
o-Xylene	**4.3**	ug/m3	1.5	0.24	1.68		11/06/20 14:07	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-2 CERT#3197 **Lab ID: 10537072004** Collected: 10/26/20 10:09 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		10/14/20 04:38	67-64-1	
Benzene	ND	ug/m3	0.32	0.13	1		10/14/20 04:38	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.33	1		10/14/20 04:38	100-44-7	
Bromodichloromethane	ND	ug/m3	1.4	0.26	1		10/14/20 04:38	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		10/14/20 04:38	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.18	1		10/14/20 04:38	74-83-9	
1,3-Butadiene	ND	ug/m3	0.45	0.10	1		10/14/20 04:38	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.54	1		10/14/20 04:38	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.20	1		10/14/20 04:38	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	0.15	1		10/14/20 04:38	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.15	1		10/14/20 04:38	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.13	1		10/14/20 04:38	75-00-3	
Chloroform	ND	ug/m3	0.50	0.19	1		10/14/20 04:38	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.096	1		10/14/20 04:38	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.23	1		10/14/20 04:38	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.30	1		10/14/20 04:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.78	0.32	1		10/14/20 04:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.38	1		10/14/20 04:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.47	1		10/14/20 04:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.84	1		10/14/20 04:38	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.15	1		10/14/20 04:38	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.82	0.13	1		10/14/20 04:38	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.41	0.18	1		10/14/20 04:38	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.81	0.14	1		10/14/20 04:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.81	0.16	1		10/14/20 04:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.81	0.17	1		10/14/20 04:38	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.94	0.17	1		10/14/20 04:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.92	0.22	1		10/14/20 04:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.92	0.28	1		10/14/20 04:38	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.33	1		10/14/20 04:38	76-14-2	
Ethanol	ND	ug/m3	1.9	0.94	1		10/14/20 04:38	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.17	1		10/14/20 04:38	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.18	1		10/14/20 04:38	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.48	1		10/14/20 04:38	622-96-8	
n-Heptane	ND	ug/m3	2.1	0.17	1		10/14/20 04:38	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	0.80	1		10/14/20 04:38	87-68-3	
n-Hexane	ND	ug/m3	1.8	0.24	1		10/14/20 04:38	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.36	1		10/14/20 04:38	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.99	1		10/14/20 04:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.21	1		10/14/20 04:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.14	1		10/14/20 04:38	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.2	1		10/14/20 04:38	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.85	1		10/14/20 04:38	67-63-0	
Propylene	ND	ug/m3	0.35	0.098	1		10/14/20 04:38	115-07-1	
Styrene	ND	ug/m3	0.87	0.37	1		10/14/20 04:38	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-2 CERT#3197 **Lab ID: 10537072004** Collected: 10/26/20 10:09 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.70	0.30	1		10/14/20 04:38	79-34-5	
Tetrachloroethene	ND	ug/m3	0.69	0.29	1		10/14/20 04:38	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.17	1		10/14/20 04:38	109-99-9	
Toluene	ND	ug/m3	0.77	0.17	1		10/14/20 04:38	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.3	1		10/14/20 04:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.1	0.13	1		10/14/20 04:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.56	0.22	1		10/14/20 04:38	79-00-5	
Trichloroethene	ND	ug/m3	0.55	0.18	1		10/14/20 04:38	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.28	1		10/14/20 04:38	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.25	1		10/14/20 04:38	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.41	1		10/14/20 04:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.30	1		10/14/20 04:38	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.18	1		10/14/20 04:38	108-05-4	
Vinyl chloride	ND	ug/m3	0.26	0.10	1		10/14/20 04:38	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.43	1		10/14/20 04:38	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.19	1		10/14/20 04:38	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-3 **Lab ID: 10537072005** Collected: 10/26/20 10:10 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	10.7	3.9	1.77		11/06/20 14:36	67-64-1	
Benzene	ND	ug/m3	0.58	0.17	1.77		11/06/20 14:36	71-43-2	
Benzyl chloride	ND	ug/m3	4.7	2.3	1.77		11/06/20 14:36	100-44-7	
Bromodichloromethane	ND	ug/m3	2.4	0.38	1.77		11/06/20 14:36	75-27-4	
Bromoform	ND	ug/m3	9.3	1.4	1.77		11/06/20 14:36	75-25-2	
Bromomethane	ND	ug/m3	1.4	0.33	1.77		11/06/20 14:36	74-83-9	
1,3-Butadiene	ND	ug/m3	0.80	0.21	1.77		11/06/20 14:36	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.3	1.6	1.77		11/06/20 14:36	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.17	1.77		11/06/20 14:36	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.3	0.38	1.77		11/06/20 14:36	56-23-5	
Chlorobenzene	ND	ug/m3	1.7	0.27	1.77		11/06/20 14:36	108-90-7	
Chloroethane	ND	ug/m3	0.95	0.25	1.77		11/06/20 14:36	75-00-3	
Chloroform	**3.4**	ug/m3	0.88	0.27	1.77		11/06/20 14:36	67-66-3	
Chloromethane	ND	ug/m3	0.74	0.14	1.77		11/06/20 14:36	74-87-3	
Cyclohexane	**7.1**	ug/m3	3.1	0.32	1.77		11/06/20 14:36	110-82-7	
Dibromochloromethane	ND	ug/m3	3.1	0.56	1.77		11/06/20 14:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.4	0.38	1.77		11/06/20 14:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.2	1.3	1.77		11/06/20 14:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.2	1.5	1.77		11/06/20 14:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.4	1.7	1.77		11/06/20 14:36	106-46-7	
Dichlorodifluoromethane	**2.9**	ug/m3	1.8	0.97	1.77		11/06/20 14:36	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.5	0.23	1.77		11/06/20 14:36	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.73	0.23	1.77		11/06/20 14:36	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	0.24	1.77		11/06/20 14:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	0.25	1.77		11/06/20 14:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	0.30	1.77		11/06/20 14:36	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.7	0.30	1.77		11/06/20 14:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.6	0.27	1.77		11/06/20 14:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.6	0.31	1.77		11/06/20 14:36	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.5	0.43	1.77		11/06/20 14:36	76-14-2	
Ethanol	ND	ug/m3	3.4	1.0	1.77		11/06/20 14:36	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.20	1.77		11/06/20 14:36	141-78-6	
Ethylbenzene	ND	ug/m3	1.6	0.26	1.77		11/06/20 14:36	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.4	0.39	1.77		11/06/20 14:36	622-96-8	
n-Heptane	ND	ug/m3	1.5	0.27	1.77		11/06/20 14:36	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.6	3.4	1.77		11/06/20 14:36	87-68-3	
n-Hexane	ND	ug/m3	1.3	0.38	1.77		11/06/20 14:36	110-54-3	
2-Hexanone	ND	ug/m3	7.4	1.3	1.77		11/06/20 14:36	591-78-6	
Methylene Chloride	ND	ug/m3	6.2	2.2	1.77		11/06/20 14:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.4	0.18	1.77		11/06/20 14:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.5	0.23	1.77		11/06/20 14:36	1634-04-4	
Naphthalene	ND	ug/m3	4.7	3.3	1.77		11/06/20 14:36	91-20-3	
2-Propanol	ND	ug/m3	4.4	1.5	1.77		11/06/20 14:36	67-63-0	
Propylene	ND	ug/m3	0.62	0.43	1.77		11/06/20 14:36	115-07-1	
Styrene	ND	ug/m3	1.5	0.43	1.77		11/06/20 14:36	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-3 **Lab ID: 10537072005** Collected: 10/26/20 10:10 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	0.38	1.77		11/06/20 14:36	79-34-5	
Tetrachloroethene	ND	ug/m3	1.2	0.38	1.77		11/06/20 14:36	127-18-4	
Tetrahydrofuran	**2.4**	ug/m3	1.1	0.23	1.77		11/06/20 14:36	109-99-9	
Toluene	ND	ug/m3	1.4	0.20	1.77		11/06/20 14:36	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	13.3	6.9	1.77		11/06/20 14:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.34	1.77		11/06/20 14:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.98	0.28	1.77		11/06/20 14:36	79-00-5	
Trichloroethene	ND	ug/m3	0.97	0.34	1.77		11/06/20 14:36	79-01-6	
Trichlorofluoromethane	ND	ug/m3	2.0	0.42	1.77		11/06/20 14:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.8	0.41	1.77		11/06/20 14:36	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.8	0.24	1.77		11/06/20 14:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.8	0.36	1.77		11/06/20 14:36	108-67-8	
Vinyl acetate	ND	ug/m3	1.3	0.19	1.77		11/06/20 14:36	108-05-4	
Vinyl chloride	ND	ug/m3	0.46	0.15	1.77		11/06/20 14:36	75-01-4	
m&p-Xylene	ND	ug/m3	3.1	0.68	1.77		11/06/20 14:36	179601-23-1	
o-Xylene	ND	ug/m3	1.6	0.25	1.77		11/06/20 14:36	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-3 CERT#2542 **Lab ID: 10537072006** Collected: 10/26/20 10:10 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		10/13/20 22:33	67-64-1	
Benzene	ND	ug/m3	0.32	0.13	1		10/13/20 22:33	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.33	1		10/13/20 22:33	100-44-7	
Bromodichloromethane	ND	ug/m3	1.4	0.26	1		10/13/20 22:33	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		10/13/20 22:33	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.18	1		10/13/20 22:33	74-83-9	
1,3-Butadiene	ND	ug/m3	0.45	0.10	1		10/13/20 22:33	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.54	1		10/13/20 22:33	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.20	1		10/13/20 22:33	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	0.15	1		10/13/20 22:33	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.15	1		10/13/20 22:33	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.13	1		10/13/20 22:33	75-00-3	
Chloroform	ND	ug/m3	0.50	0.19	1		10/13/20 22:33	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.096	1		10/13/20 22:33	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.23	1		10/13/20 22:33	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.30	1		10/13/20 22:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.78	0.32	1		10/13/20 22:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.38	1		10/13/20 22:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.47	1		10/13/20 22:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.84	1		10/13/20 22:33	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.15	1		10/13/20 22:33	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.82	0.13	1		10/13/20 22:33	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.41	0.18	1		10/13/20 22:33	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.81	0.14	1		10/13/20 22:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.81	0.16	1		10/13/20 22:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.81	0.17	1		10/13/20 22:33	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.94	0.17	1		10/13/20 22:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.92	0.22	1		10/13/20 22:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.92	0.28	1		10/13/20 22:33	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.33	1		10/13/20 22:33	76-14-2	
Ethanol	ND	ug/m3	1.9	0.94	1		10/13/20 22:33	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.17	1		10/13/20 22:33	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.18	1		10/13/20 22:33	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.48	1		10/13/20 22:33	622-96-8	
n-Heptane	ND	ug/m3	2.1	0.17	1		10/13/20 22:33	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	0.80	1		10/13/20 22:33	87-68-3	
n-Hexane	ND	ug/m3	1.8	0.24	1		10/13/20 22:33	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.36	1		10/13/20 22:33	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.99	1		10/13/20 22:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.21	1		10/13/20 22:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.14	1		10/13/20 22:33	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.2	1		10/13/20 22:33	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.85	1		10/13/20 22:33	67-63-0	
Propylene	ND	ug/m3	0.35	0.098	1		10/13/20 22:33	115-07-1	
Styrene	ND	ug/m3	0.87	0.37	1		10/13/20 22:33	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Sample: 1058S-SS-3 CERT#2542 **Lab ID: 10537072006** Collected: 10/26/20 10:10 Received: 10/27/20 12:15 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.70	0.30	1		10/13/20 22:33	79-34-5	
Tetrachloroethene	ND	ug/m3	0.69	0.29	1		10/13/20 22:33	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.17	1		10/13/20 22:33	109-99-9	
Toluene	ND	ug/m3	0.77	0.17	1		10/13/20 22:33	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.3	1		10/13/20 22:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.1	0.13	1		10/13/20 22:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.56	0.22	1		10/13/20 22:33	79-00-5	
Trichloroethene	ND	ug/m3	0.55	0.18	1		10/13/20 22:33	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.28	1		10/13/20 22:33	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.25	1		10/13/20 22:33	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.41	1		10/13/20 22:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.30	1		10/13/20 22:33	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.18	1		10/13/20 22:33	108-05-4	
Vinyl chloride	ND	ug/m3	0.26	0.10	1		10/13/20 22:33	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.43	1		10/13/20 22:33	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.19	1		10/13/20 22:33	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

QC Batch: 709317
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10537072001, 10537072003, 10537072005

METHOD BLANK: 3789197 Matrix: Air
Associated Lab Samples: 10537072001, 10537072003, 10537072005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.56	0.096	11/06/20 10:56	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.35	0.11	11/06/20 10:56	
1,1,2-Trichloroethane	ug/m3	ND	0.28	0.078	11/06/20 10:56	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.78	0.12	11/06/20 10:56	
1,1-Dichloroethane	ug/m3	ND	0.41	0.064	11/06/20 10:56	
1,1-Dichloroethene	ug/m3	ND	0.40	0.066	11/06/20 10:56	
1,2,4-Trichlorobenzene	ug/m3	ND	3.8	2.0	11/06/20 10:56	
1,2,4-Trimethylbenzene	ug/m3	ND	0.50	0.068	11/06/20 10:56	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.39	0.11	11/06/20 10:56	
1,2-Dichlorobenzene	ug/m3	ND	0.61	0.36	11/06/20 10:56	
1,2-Dichloroethane	ug/m3	ND	0.21	0.066	11/06/20 10:56	
1,2-Dichloropropane	ug/m3	ND	0.47	0.084	11/06/20 10:56	
1,3,5-Trimethylbenzene	ug/m3	ND	0.50	0.10	11/06/20 10:56	
1,3-Butadiene	ug/m3	ND	0.22	0.058	11/06/20 10:56	
1,3-Dichlorobenzene	ug/m3	ND	0.61	0.42	11/06/20 10:56	
1,4-Dichlorobenzene	ug/m3	ND	1.5	0.48	11/06/20 10:56	
2-Butanone (MEK)	ug/m3	ND	1.5	0.44	11/06/20 10:56	
2-Hexanone	ug/m3	ND	2.1	0.36	11/06/20 10:56	
2-Propanol	ug/m3	ND	1.2	0.43	11/06/20 10:56	
4-Ethyltoluene	ug/m3	ND	1.2	0.11	11/06/20 10:56	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	2.1	0.051	11/06/20 10:56	
Acetone	ug/m3	ND	3.0	1.1	11/06/20 10:56	
Benzene	ug/m3	ND	0.16	0.049	11/06/20 10:56	
Benzyl chloride	ug/m3	ND	1.3	0.66	11/06/20 10:56	
Bromodichloromethane	ug/m3	ND	0.68	0.11	11/06/20 10:56	
Bromoform	ug/m3	ND	2.6	0.40	11/06/20 10:56	
Bromomethane	ug/m3	ND	0.39	0.094	11/06/20 10:56	
Carbon disulfide	ug/m3	ND	0.32	0.047	11/06/20 10:56	
Carbon tetrachloride	ug/m3	ND	0.64	0.11	11/06/20 10:56	
Chlorobenzene	ug/m3	ND	0.47	0.076	11/06/20 10:56	
Chloroethane	ug/m3	ND	0.27	0.072	11/06/20 10:56	
Chloroform	ug/m3	ND	0.25	0.075	11/06/20 10:56	
Chloromethane	ug/m3	ND	0.21	0.040	11/06/20 10:56	
cis-1,2-Dichloroethene	ug/m3	ND	0.40	0.070	11/06/20 10:56	
cis-1,3-Dichloropropene	ug/m3	ND	0.46	0.076	11/06/20 10:56	
Cyclohexane	ug/m3	ND	0.88	0.092	11/06/20 10:56	
Dibromochloromethane	ug/m3	ND	0.86	0.16	11/06/20 10:56	
Dichlorodifluoromethane	ug/m3	ND	0.50	0.27	11/06/20 10:56	
Dichlorotetrafluoroethane	ug/m3	ND	0.71	0.12	11/06/20 10:56	
Ethanol	ug/m3	ND	0.96	0.28	11/06/20 10:56	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

METHOD BLANK: 3789197 Matrix: Air
Associated Lab Samples: 10537072001, 10537072003, 10537072005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethyl acetate	ug/m3	ND	0.37	0.056	11/06/20 10:56	
Ethylbenzene	ug/m3	ND	0.44	0.074	11/06/20 10:56	
Hexachloro-1,3-butadiene	ug/m3	ND	2.7	0.97	11/06/20 10:56	
m&p-Xylene	ug/m3	ND	0.88	0.19	11/06/20 10:56	
Methyl-tert-butyl ether	ug/m3	ND	1.8	0.065	11/06/20 10:56	
Methylene Chloride	ug/m3	ND	1.8	0.63	11/06/20 10:56	
n-Heptane	ug/m3	ND	0.42	0.076	11/06/20 10:56	
n-Hexane	ug/m3	ND	0.36	0.11	11/06/20 10:56	
Naphthalene	ug/m3	ND	1.3	0.94	11/06/20 10:56	
o-Xylene	ug/m3	ND	0.44	0.071	11/06/20 10:56	
Propylene	ug/m3	ND	0.18	0.12	11/06/20 10:56	
Styrene	ug/m3	ND	0.43	0.12	11/06/20 10:56	
Tetrachloroethene	ug/m3	ND	0.34	0.11	11/06/20 10:56	
Tetrahydrofuran	ug/m3	ND	0.30	0.064	11/06/20 10:56	
Toluene	ug/m3	ND	0.38	0.056	11/06/20 10:56	
trans-1,2-Dichloroethene	ug/m3	ND	0.40	0.085	11/06/20 10:56	
trans-1,3-Dichloropropene	ug/m3	ND	0.46	0.087	11/06/20 10:56	
Trichloroethene	ug/m3	ND	0.27	0.096	11/06/20 10:56	
Trichlorofluoromethane	ug/m3	ND	0.57	0.12	11/06/20 10:56	
Vinyl acetate	ug/m3	ND	0.36	0.054	11/06/20 10:56	
Vinyl chloride	ug/m3	ND	0.13	0.043	11/06/20 10:56	

LABORATORY CONTROL SAMPLE: 3789198

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	60.5	106	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	78.3	109	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	62.3	109	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	83.8	104	70-130	
1,1-Dichloroethane	ug/m3	42.7	45.4	106	70-130	
1,1-Dichloroethene	ug/m3	41.4	42.0	101	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	147	95	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	59.1	115	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	86.6	108	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	72.4	115	70-136	
1,2-Dichloroethane	ug/m3	42.4	44.7	105	70-130	
1,2-Dichloropropane	ug/m3	48.6	52.7	108	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	58.3	113	70-136	
1,3-Butadiene	ug/m3	23.3	23.5	101	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	72.7	115	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	75.1	118	70-145	
2-Butanone (MEK)	ug/m3	31.4	33.2	106	61-130	
2-Hexanone	ug/m3	42.8	48.7	114	70-138	
2-Propanol	ug/m3	119	114	95	70-136	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

LABORATORY CONTROL SAMPLE: 3789198

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	60.7	116	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	49.7	114	70-134	
Acetone	ug/m3	126	107	85	59-137	
Benzene	ug/m3	33.5	35.0	104	70-133	
Benzyl chloride	ug/m3	55.1	57.0	103	70-139	
Bromodichloromethane	ug/m3	71.5	75.6	106	70-130	
Bromoform	ug/m3	110	127	115	60-140	
Bromomethane	ug/m3	41.3	38.4	93	70-131	
Carbon disulfide	ug/m3	33.3	34.7	104	70-130	
Carbon tetrachloride	ug/m3	66.2	72.5	110	70-133	
Chlorobenzene	ug/m3	48.3	50.6	105	70-131	
Chloroethane	ug/m3	28.1	28.2	101	70-141	
Chloroform	ug/m3	51.1	52.4	103	70-130	
Chloromethane	ug/m3	21.9	21.5	98	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	42.7	103	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	54.5	114	70-138	
Cyclohexane	ug/m3	36.7	38.7	106	70-133	
Dibromochloromethane	ug/m3	90.7	99.4	110	70-139	
Dichlorodifluoromethane	ug/m3	51.6	51.8	100	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	72.0	99	65-133	
Ethanol	ug/m3	103	92.3	90	65-135	
Ethyl acetate	ug/m3	38.6	41.8	108	70-135	
Ethylbenzene	ug/m3	45.6	50.2	110	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	130	117	70-134	
m&p-Xylene	ug/m3	91.2	101	111	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	41.6	108	70-131	
Methylene Chloride	ug/m3	182	185	102	69-130	
n-Heptane	ug/m3	43.6	45.7	105	70-130	
n-Hexane	ug/m3	37.6	37.7	100	70-131	
Naphthalene	ug/m3	57.7	54.6	95	63-130	
o-Xylene	ug/m3	45.5	49.5	109	70-135	
Propylene	ug/m3	18.2	18.1	100	63-139	
Styrene	ug/m3	44.9	52.0	116	70-143	
Tetrachloroethene	ug/m3	71	74.5	105	70-136	
Tetrahydrofuran	ug/m3	31.5	34.9	111	70-137	
Toluene	ug/m3	39.5	42.5	108	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	43.1	102	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	57.1	120	70-139	
Trichloroethene	ug/m3	56.3	59.2	105	70-132	
Trichlorofluoromethane	ug/m3	59.7	59.5	100	65-136	
Vinyl acetate	ug/m3	34.5	39.2	114	66-140	
Vinyl chloride	ug/m3	26.7	27.3	102	68-141	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

SAMPLE DUPLICATE: 3790589

Parameter	Units	10536952006 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.4J		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	.61J		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	4.8	4.8	1	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	1.5J		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	ND		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	12.5	12.1	3	25	
4-Ethyltoluene	ug/m3	ND	1.4J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	107	104	3	25	
Benzene	ug/m3	38.3	38.2	0	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	.49J		25	
Carbon disulfide	ug/m3	385	362	6	25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	ND		25	
Chloromethane	ug/m3	ND	ND		25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	64.0	63.6	1	25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	7.8	7.6	3	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	76.4	76.5	0	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	9.1	9.0	0	25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	9.1	8.9	2	25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	ND		25	
n-Heptane	ug/m3	82.4	83.1	1	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

SAMPLE DUPLICATE: 3790589

Parameter	Units	10536952006 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	175	172	1	25	
Naphthalene	ug/m3	6.5	6.2	6	25	
o-Xylene	ug/m3	3.8	3.7	1	25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	2.9	2.8	2	25	
Tetrachloroethene	ug/m3	18.8	18.2	3	25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	32.8	31.9	3	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	113	111	3	25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

SAMPLE DUPLICATE: 3790590

Parameter	Units	10537322010 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	.92J		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	.6J		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	2.4	2.4	1	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	1.1J		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	2.9	3.0	2	25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	41.9	40.9	2	25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	93.8	90.9	3	25	
4-Ethyltoluene	ug/m3	ND	.71J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	1.4J		25	
Acetone	ug/m3	114	103	10	25	
Benzene	ug/m3	30.6	30.6	0	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

SAMPLE DUPLICATE: 3790590

Parameter	Units	10537322010 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	24.8	24.4	2	25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	3.5	3.5	1	25	
Chloromethane	ug/m3	ND	ND		25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	15.9	15.6	2	25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	6.8	6.6	3	25	
Dichlorotetrafluoroethane	ug/m3	ND	1.6J		25	
Ethanol	ug/m3	104	99.0	5	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	2.7	2.7	2	25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	8.0	7.9	2	25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	ND		25	
n-Heptane	ug/m3	32.2	32.2	0	25	
n-Hexane	ug/m3	62.1	61.8	1	25	
Naphthalene	ug/m3	ND	ND		25	
o-Xylene	ug/m3	2.5	2.5	1	25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	9.2	9.3	1	25	
Tetrahydrofuran	ug/m3	7.9	7.1	11	25	
Toluene	ug/m3	28.5	28.3	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	.89J		25	
Trichlorofluoromethane	ug/m3	3.6	3.5	1	25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10537072001

[1] Analysis performed at 1800 Elm Street.

[2] The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

Sample: 10537072003

[1] Analysis performed at 1800 Elm Street.

[2] The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

Sample: 10537072005

[1] Analysis performed at 1800 Elm Street.

[2] The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bober Pharmacy (VP23410)
Pace Project No.: 10537072

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10537072001	**1058S-SS-1**	TO-15	709317		
10537072003	**1058S-SS-2**	TO-15	709317		
10537072005	**1058S-SS-3**	TO-15	709317		
10537072002	**1058S-SS-1 CERT#2522**	TO-15	710000		
10537072004	**1058S-SS-2 CERT#3197**	TO-15	710000		
10537072006	**1058S-SS-3 CERT#2542**	TO-15	710000		

MINNESOTA POLLUTION CONTROL AGENCY

MPCA Chain-of-Custody Form

version 2017.03.20

* indicates a required field

Work Order Number: 3000027293 **COC Type:** STANDARD **Page:** 1 of 1

Turnaround Time: STANDARD **COC ID:** 1058S-4

FOR LAB USE ONLY

Lab Work Order Sticker

PROJECT/CLIENT INFO

Facility Code:*	SA0000292
Program Code (MDH Lab Only):	
Project Name:*	Bober Pharmacy (VP23410)
Project Task Code:*	PRJ08103
Project Manager:*	Melissa Meeuwsen
Potential Hazard?	If yes, add information to **Sampler Comments** Section

LABORATORY

Lab Name:	Pace Analytical Services, LLC.
Address:	1700 Elm Street SE, Suite 200
	Minneapolis, MN 55414
EPA Lab ID:*	MN00064

SAMPLE DETAILS

SAMPLE TYPES
Sample=Routine Sample
QC-FB=Field Blank Sample
QC-FR=Field Replicate Sample
QC-TB=Trip Blank Sample
QC-EB=Equipment Blank
Treated-Mid=Treatment system sample
Treated-Post=Treatment system sample

SAMPLING METHODS
G=Grab sample
CT=Composite, time-paced w/AS
CF=Composite w/AS
D-T=Discrete,time-paced w/AS
D-F=Discrete,flow-paced w/AS
SW-GAS=Gas Sampling
Unknown=Unknown

LAB MATRICES
DW=Drinking Water
NW=Nonpotable Water
SD=Soil/Solid
AR=Air
BL=Biological Material
OT=Other
TS=Tissue

FIELD MATRICES
Wtr-Ground=Groundwater
Wtr-Surf=Surface Water
Wtr-Drink=Drinking Water
QC-BLANK=Artificial Blank Water
Leachate=Leachate Sample
Air-Indoor=Indoor Air
Gas-Soil=Soil Gas

ANALYSIS REQUESTED

MN Location Identifier*	Field Name	Sample Type*	Start Date* (mm/dd/yyyy)	Start Time* 24 hr (hh:mm)	Depth Start	Depth End	Depth Units (m or ft.)	Sampling Method	Complete ONLY if Method is CT, CF, D-T, or D-F: End Date (mm/dd/yyyy)	Complete ONLY if Method is CT, CF, D-T, or D-F: End Time 24 hr (hh:mm)	Lab Matrix*	Field Matrix*	AIS	Sampler Comments (filter volume, special handling, etc.)	# of Cont	ANALYSIS	PRESERV.	Filt.	TO-15	Certified Canister Report		Canister #	Flow Controller #		Lab Sample No.	#
																	N	N								
GS01130	1058S-SS-1	Sample	10/26/2020	10:02	0.1	0.3	FT	D-T	10/26/2020	10:09	AR	Gas-Soil	N	Start 30 "Hg / End 2 "Hg	1				X	X		2522	1646		001,002	1
GS01131	1058S-SS-2	Sample	10/26/2020	10:01	0.1	0.3	FT	D-T	10/26/2020	10:09	AR	Gas-Soil	N	Start 30 "Hg / End 2 "Hg	1				X	X		3197	2836		003,004	2
GS01132	1058S-SS-3	Sample	10/26/2020	10:03	0.1	0.3	FT	D-T	10/26/2020	10:10	AR	Gas-Soil	N	Start 30 "Hg / End 1 "Hg	1				X	X		2542	2668		005,006	3
																										4
																										5
																										6
																										7
																										8
																										9
																										10

Sampler's Name:* Sam Wahl **Phone #:*** 651-770-1500

Sampler's Signature:* Sam Wahl

Sampler's Organization:* Terracon Consultants, Inc.

Billing Organization: Terracon Consultants, Inc. **Acct:*** MPCA PO 3000027293

Address: 955 Wells Street Suite 100, St. Paul, MN 55106

Courier Name: Pace Analytical Services, LLC. **Tracking #:** NA

Receiving Comments: Samples sealed in box and shipped via Pace courier.

Relinquished By/Affiliation	Date/Time	Accepted By/ Affiliation	Date/Time
(Sampler) Sam / Terracon	10/27/20 1215	Matt J / Pace	10/27/20 12:15

WO# : 10537072

10537072

Pace Analytical®	Document Name: Sample Condition Upon Receipt (SCUR) - Air	Document Revised: 24Mar2020 Page 1 of 1
	Document No.: ENV-FRM-MIN4-0113 Rev.00	Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt **Client Name:** Terracon **Project #:**

WO#: 10537072
PM: AA1 Due Date: 11/10/20
CLIENT: TERRACON-WBL

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Pace ☐ SpeeDee ☐ Commercial **See Exception** ☐

Tracking Number:

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Tin Can ☐ Other: **Temp Blank rec:** ☐ Yes ☒ No

Temp. (TO17 and TO13 samples only) (°C): **Corrected Temp (°C):** **Thermometer Used:** ☐ G87A9170600254 ☐ G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** **Date & Initials of Person Examining Contents:** 10-28-20 MI

Type of ice Received ☐ Blue ☐ Wet ☒ None

			Comments:
Chain of Custody Present?	☒ Yes	☐ No	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No ☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	7.
Sufficient Volume?	☒ Yes	☐ No	8.
Correct Containers Used? **(Tedlar bags not acceptable container for TO-14, TO-15 or APH)** -Pace Containers Used?	☒ Yes ☒ Yes	☐ No ☐ No	9.
Containers Intact? **(visual inspection/no leaks when pressurized)**	☒ Yes	☐ No	10.
Media: Air Can Airbag Filter TDT Passive			11. Individually Certified Cans Y N (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒ Yes	☐ No	12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☐ Yes	☐ No	13.

Gauge # ☐ 10AIR26 ☒ 10AIR34 ☐ 10AIR35 ☐ 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SS-1	2522	1646	-0.5	+10					
SS-2	3197	2836	0	↓					
SS-3	2542	2668	-1.5	↓					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Date: 10/30/20

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Data File: \\192.168.10.12\chem\10airD.i\110620.b\31108.d
Report Date: 07-Nov-2020 13:33

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10airD.i\110620.b\31108.d
Lab Smp Id: 10537072001
Inj Date : 06-NOV-2020 13:39
Operator : CH1 Inst ID: 10airD.i
Smp Info :
Misc Info : 38011
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10airD.i\110620.b\TO15_310-20.m
Meth Date : 06-Nov-2020 09:34 chazelroth Quant Type: ISTD
Cal Date : 05-NOV-2020 12:30 Cal File: 31010.d
Als bottle: 8
Dil Factor: 1.71000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * CpndVariable

Name	Value	Description
DF	1.710	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

COMPOUND	RT	AREA	AMOUNT
80 1,2,4-Trimethylbenzene	11.737	53659	0.100

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
1-Butanol				CAS #: 71-36-3			
11.463	56897	0.10647529	0.182	16	NBS75K.1	62584	80(L)

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\192.168.10.12\chem\10airD.i\110620.b\31108.d
Report Date: 07-Nov-2020 13:33

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Client SDG: 110620.b
Lab Smp Id: 10537072001
Operator : CH1 Sample Date:
Sample Location: Sample Point:
Sample Matrix: AIR Date Received:
Analysis Type: VOA Level: LOW
Inj Date: 06-NOV-2020 13:39

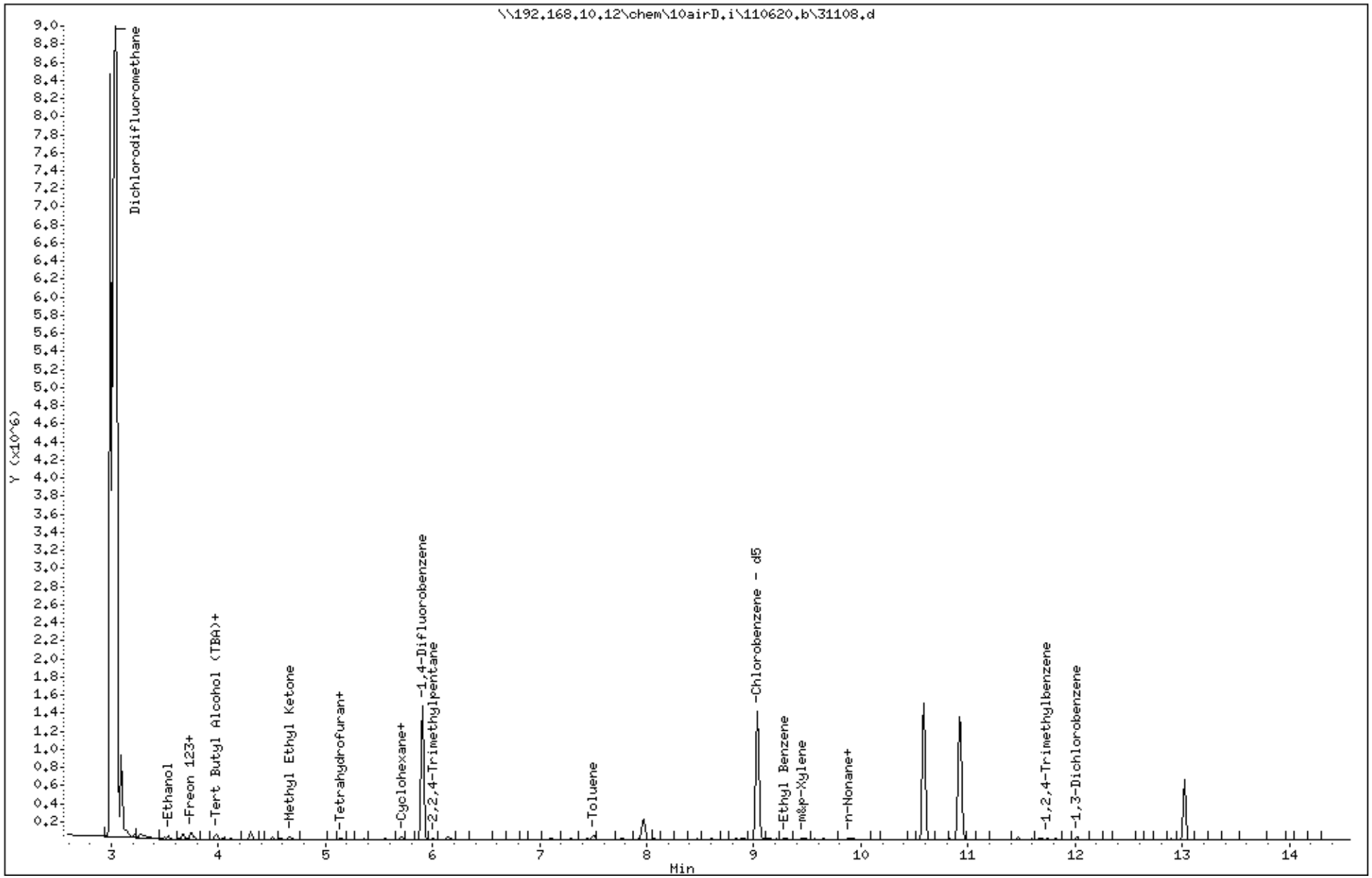
Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 71-36-3	1-Butanol	11.463	0.182	NJ__

Data File: \\192.168.10.12\chem\10airD.i\110620.b\31108.d
Date : 06-NOV-2020 13:39
Client ID:
Sample Info:

Instrument: 10airD.i
Operator: CH1
Column phase: ZB-5MSplus SN338857
Column diameter: 0.32



Data File: \\192.168.10.12\chem\10airD.i\110620.b\31109.d
Report Date: 07-Nov-2020 13:33

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10airD.i\110620.b\31109.d
Lab Smp Id: 10537072003
Inj Date : 06-NOV-2020 14:07
Operator : CH1 Inst ID: 10airD.i
Smp Info :
Misc Info : 38011
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10airD.i\110620.b\TO15_310-20.m
Meth Date : 06-Nov-2020 09:34 chazelroth Quant Type: ISTD
Cal Date : 05-NOV-2020 12:30 Cal File: 31010.d
Als bottle: 9
Dil Factor: 1.68000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\192.168.10.12\chem\10airD.i\110620.b\31109.d
Report Date: 07-Nov-2020 13:33

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Client SDG: 110620.b
Lab Smp Id: 10537072003
Operator : CH1 Sample Date:
Sample Location: Sample Point:
Sample Matrix: AIR Date Received:
Analysis Type: VOA Level: LOW
Inj Date: 06-NOV-2020 14:07

Number TICs found: 0

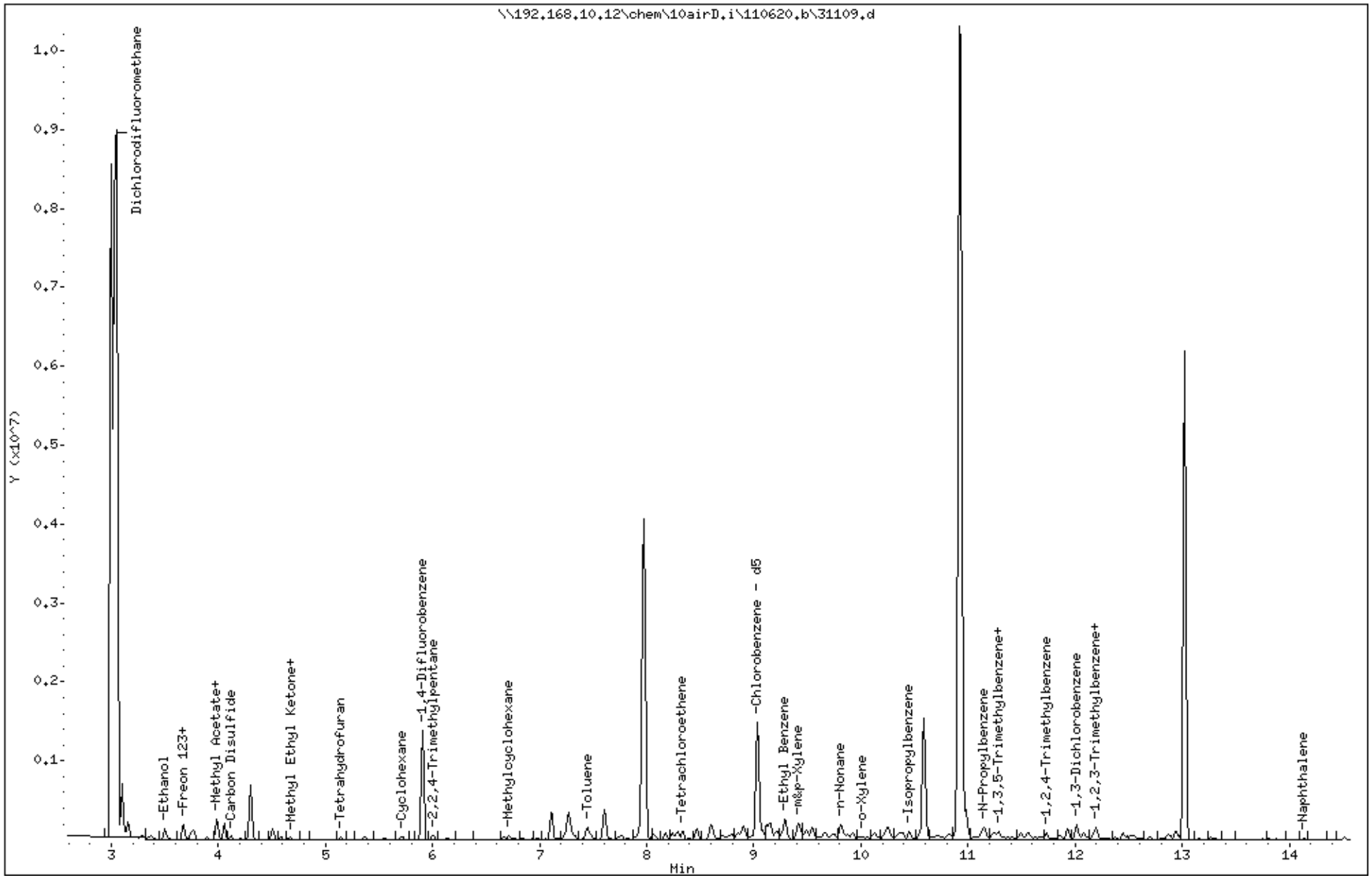
CONCENTRATION UNITS:
(ug/L or ug/KG) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\192.168.10.12\chem\10airD.i\110620.b\31109.d
Date : 06-NOV-2020 14:07
Client ID:
Sample Info:

Instrument: 10airD.i
Operator: CH1
Column diameter: 0.32

Column phase: ZB-5MSplus SN338857



Data File: \\192.168.10.12\chem\10airD.i\110620.b\31110.d
Report Date: 07-Nov-2020 13:33

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10airD.i\110620.b\31110.d
Lab Smp Id: 10537072005
Inj Date : 06-NOV-2020 14:36
Operator : CH1 Inst ID: 10airD.i
Smp Info :
Misc Info : 38011
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10airD.i\110620.b\TO15_310-20.m
Meth Date : 06-Nov-2020 09:34 chazelroth Quant Type: ISTD
Cal Date : 05-NOV-2020 12:30 Cal File: 31010.d
Als bottle: 10
Dil Factor: 1.77000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * CpndVariable

Name	Value	Description
DF	1.770	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

COMPOUND	RT	AREA	AMOUNT
11 Ethanol	3.524	86620	0.986

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
Acetaldehyde				CAS #: 75-07-0			
3.281	210851	2.40013298	4.25	74	NBS75K.1	62264	11

Data File: \\192.168.10.12\chem\10airD.i\110620.b\31110.d
Report Date: 07-Nov-2020 13:33

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

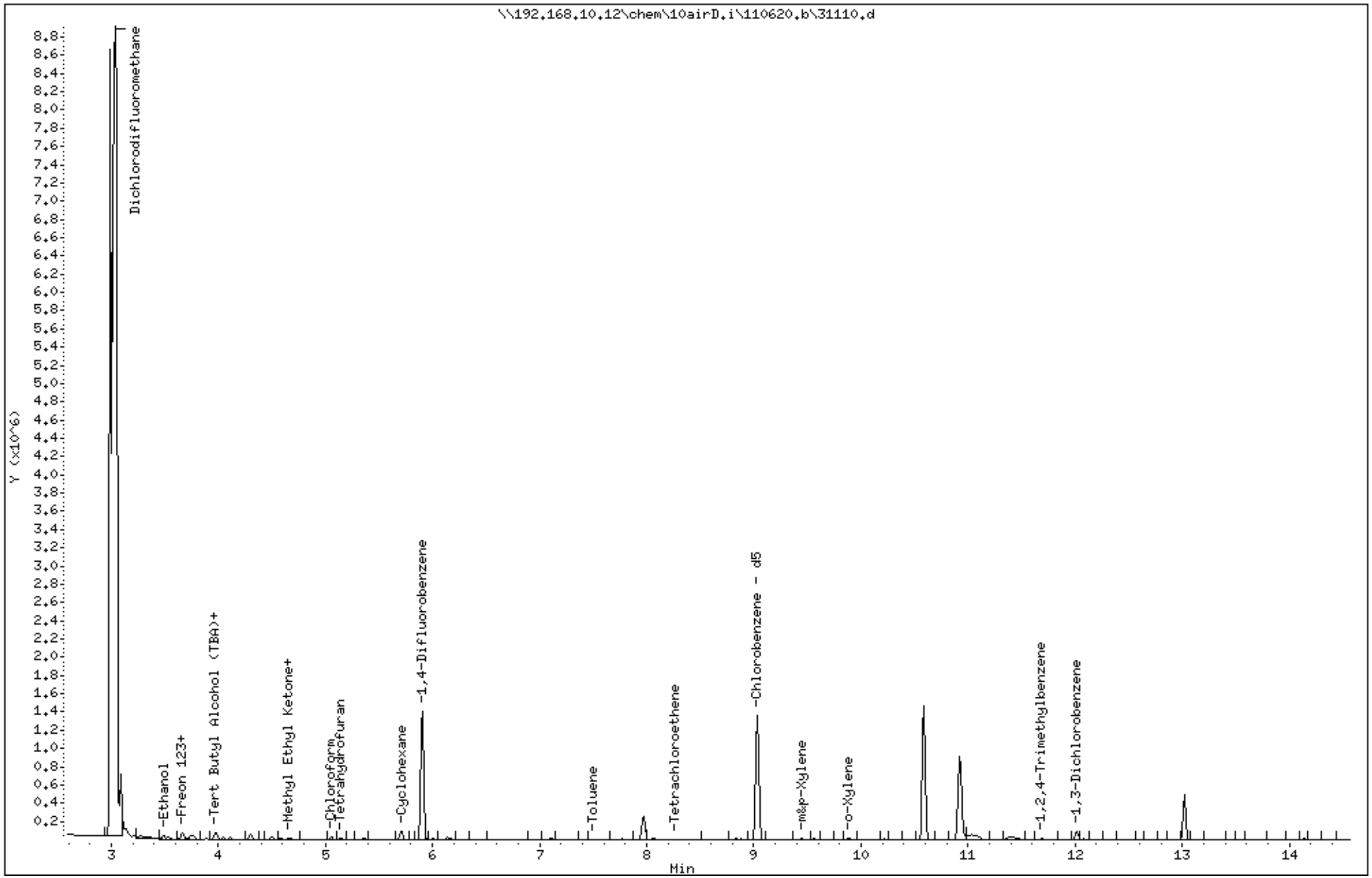
Client Name: Client SDG: 110620.b
Lab Smp Id: 10537072005
Operator : CH1 Sample Date:
Sample Location: Sample Point:
Sample Matrix: AIR Date Received:
Analysis Type: VOA Level: LOW
Inj Date: 06-NOV-2020 14:36

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 75-07-0	Acetaldehyde	3.281	4.25	NJ__

Data File: \\192.168.10.12\chem\10airD.i\110620.b\31110.d
Date : 06-NOV-2020 14:36
Client ID:
Sample Info:

Instrument: 10airD.i
Operator: CH1
Column phase: ZB-5MSplus SN338857
Column diameter: 0.32



APPENDIX D

Terracon
Consulting Engineers & Scientists

FIELD DATA FORM: SUB-SLAB SOIL GAS SAMPLING

PROJECT NAME: Bober Pharmacy Sample ID: 10855-SS-1

PROJECT NO.: 41187193B Sample Date: 2-21-2020

Outside Temperature: ~25 °F / °C Indoor Temperature: ~70 °F / °C

Building Type/Use: Residential Occupant: —

Description of Room/Sample Area: Workshop

HVAC Unit Operating? Term Prior to Sampling? Yes continuous (48 hours recommended)

Floor Materials / Covering: concrete

Subslab Utilities and Distance from Probe: —

Potential VOC sources in the vicinity: workshop Distance from probe: 5 ft.

Drill/Corehole Details

Slab Coring/Drilling Equipment Used: Bulldog hammer drill 2/18 10:50

Outer Hole Thickness: 1 9/16 in. (Typical 1 inch, max recommended 1.5 inches)

Slab Thickness: 4 in. (Drilled as 3/8-inch pilot hole through slab)

Base Material Beneath Slab (circle one): (sand) gravel clay crushed rock other: —

Apparent Moisture Content (circle one): (dry) moist wet (do not sample if saturated)

Gas Probe Details

Sample Tubing Length (in.): — Sample Tubing Diameter (in.): —

Tubing Depth from Top of Slab (in.): — (Tubing should 'float' approx. 1/4-inch above hole bottom)

Anchoring Cement Type / Name: —

Surface Completion / Protection: recessed vapor pin

IF VaporPin™ Used, Circle Type: (brass) stainless-steel Pressure Reading: —

Sample Purging

Equilibration time between probe installation and purging: 72 hours / days (24 hours recommended)

Tubing Type: — Tubing Length: ~1FT ft. Tubing Diameter: 3/16 inch

Purging Method: SYRINGE Pump Rate: 120 ml / min. Purging Duration: 1 min.

Volume Purged: 120 ml

PID / FID at Initial Purge: 0.0 ppm PID / FID at Sample Collection: 0.0 ppm

Leak Test Prior to Sample Collection? (Yes) No Method ~~BAG~~ DAM

Vacuum Shut-in Test

Pre: Start Time: 0957 Vacuum: 22 "Hg Stop Time: 1007 Vacuum: 22 "Hg

Post: Start Time: — Vacuum: — "Hg Stop Time: — Vacuum: — "Hg

Sample Collection

Sample Container (circle one): (1L) 6L Canister#: 3769

Flow Controller (circle one): 100 ml/min 200 ml/min Flow Controller#: FC 1734

Start Time: 1008 Vacuum: 29 "Hg Stop Time: 1016 Vacuum: 2 "Hg

LEL 0 % O2 18.8 % H2S 0 ppm CO 0 ppm CO2 2.5 % CH4 0 ppm

Sample Point In-Situ Pressure Reading 3.3 pa

Split Sample? Yes (No) Describe Split Method: —

Comments: NONE

Form Completed By: RVL Date: 2-21-2020

Terracon
Consulting Engineers & Scientists

FIELD DATA FORM: SUB-SLAB SOIL GAS SAMPLING

PROJECT NAME: Baker Pharmacy Sample ID: 10585-SS-2

PROJECT NO.: 4114 7143 B Sample Date: 2-21-2020

Outside Temperature: ____ °F / °C Indoor Temperature: w70 °F / °C

Building Type/Use: Residential Occupant: —

Description of Room/Sample Area: Bedroom

HVAC Unit Operating? Term Prior to Sampling? Yes continuous (48 hours recommended)

Floor Materials / Covering: carpet

Subslab Utilities and Distance from Probe: —

Potential VOC sources in the vicinity: — Distance from probe: — ft.

Drill/Corehole Details

Slab Coring/Drilling Equipment Used: Bulldog hammer drill 2/18 10:30

Outer Hole Thickness: 14/16 in. (Typical 1 inch, max recommended 1.5 inches)

Slab Thickness: 4 in. (Drilled as 3/8-inch pilot hole through slab)

Base Material Beneath Slab (circle one): (sand) gravel clay crushed rock other: ____

Apparent Moisture Content (circle one): (dry) moist wet (do not sample if saturated)

Gas Probe Details

Sample Tubing Length (in.): — Sample Tubing Diameter (in.): —

Tubing Depth from Top of Slab (in.): — (Tubing should 'float' approx. 1/4-inch above hole bottom)

Anchoring Cement Type / Name: —

Surface Completion / Protection: recessed vapor pin

IF VaporPin™ Used, Circle Type: (brass) stainless-steel Pressure Reading: ____

Sample Purging

Equlibration time between probe installation and purging: ~72 hours / days (24 hours recommended)

Tubing Type: ____ Tubing Length: ~1FT ft. Tubing Diameter: 3/16 inch

Purging Method: SYRINGE Pump Rate: 120 ml / min. Purging Duration: 1 min.

Volume Purged: 120 ml

PID / FID at Initial Purge: 0.0 ppm PID / FID at Sample Collection: 0.0 ppm

Leak Test Prior to Sample Collection? (Yes) No Method DAM

Vacuum Shut-in Test

Pre: Start Time: 1004 Vacuum: 22 "Hg Stop Time: 1009 Vacuum: 22 "Hg

Post: Start Time: — Vacuum: — "Hg Stop Time: — Vacuum: — "Hg

Sample Collection

Sample Container (circle one): (1L) 6L Canister#: 3701

Flow Controller (circle one): 100 ml/min 200 ml/min Flow Controller#: FC 1690

Start Time: 1011 Vacuum: 29 "Hg Stop Time: 1020 Vacuum: 0 "Hg

LEL 0 % O2 19.3 % H2S 0 ppm CO 0 ppm CO2 1.5 % CH4 1 ppm

Sample Point In-Situ Pressure Reading 0.9 pa

Split Sample? Yes (No) Describe Split Method: —

Comments: NONE

Form Completed By: RL Date: 2-21-2020

Terracon
Consulting Engineers & Scientists

FIELD DATA FORM: SUB-SLAB SOIL GAS SAMPLING

PROJECT NAME: Reber Pharmacy Sample ID: 10585-SS-3

PROJECT NO.: 41187193B Sample Date: 2-21-2020

Outside Temperature: ____ °F / °C Indoor Temperature: ~70 °F / °C

Building Type/Use: Residential Occupant: —

Description of Room/Sample Area: Laundry Room

HVAC Unit Operating? Term Prior to Sampling? Yes continuous (48 hours recommended)

Floor Materials / Covering: Concrete

Subslab Utilities and Distance from Probe: —

Potential VOC sources in the vicinity: Cleaning / Laundry Products Distance from probe: 5 ft.

Drill/Corehole Details

Slab Coring/Drilling Equipment Used: Bulldog hammerdrill 2/8 10:10

Outer Hole Thickness: 19/16 in. (Typical 1 inch, max recommended 1.5 inches)

Slab Thickness: 4 in. (Drilled as 3/8-inch pilot hole through slab)

Base Material Beneath Slab (circle one): (sand) gravel clay crushed rock other: ____

Apparent Moisture Content (circle one): (dry) moist wet (do not sample if saturated)

Gas Probe Details

Sample Tubing Length (in.): — Sample Tubing Diameter (in.): —

Tubing Depth from Top of Slab (in.): — (Tubing should 'float' approx. 1/4-inch above hole bottom)

Anchoring Cement Type / Name: —

Surface Completion / Protection: recessed vapor pin

IF VaporPin™ Used, Circle Type: (brass) stainless-steel Pressure Reading: ____

Sample Purging

Equilibration time between probe installation and purging: 72 hours / days (24 hours recommended)

Tubing Type: ____ Tubing Length: n/a ft. Tubing Diameter: 3/16 inch

Purging Method: SYRINGE Pump Rate: 120 ml / min. Purging Duration: 1 min.

Volume Purged: 120 ml

PID / FID at Initial Purge: 0.0 ppm PID / FID at Sample Collection: 0.0 ppm

Leak Test Prior to Sample Collection? (Yes) No Method DAM

Vacuum Shut-in Test

Pre: Start Time: 0945 Vacuum: 22 "Hg Stop Time: 1012 Vacuum: 22 "Hg

Post: Start Time: — Vacuum: — "Hg Stop Time: — Vacuum: — "Hg

Sample Collection

Sample Container (circle one): (1L) 6L Canister#: 3755

Flow Controller (circle one): 100 ml/min 200 ml/min Flow Controller#: FC1240

Start Time: 1014 Vacuum: 30 "Hg Stop Time: 1021 Vacuum: 2 "Hg

LEL 0 % O2 18.9 % H2S 0 ppm CO 0 ppm CO2 1.2 % CH4 0 ppm

Sample Point In-Situ Pressure Reading 1.7 pa

Split Sample? Yes (No) Describe Split Method: —

Comments: NONE

Form Completed By: RVL Date: 2-21-2020

1058 Summit Ave.

Terracon — Soil-Gas Sampling Form

Project: Boxer Pharmacy | **Project #:** 411971380

Weather: 20° | **Completed by:** SCW

General: Partly Cloudy | 10585-SS-1 | 10585-SS-2 | 10585-SS-3

Sample ID:	GS01130	GS01131	GS01132		
Sampling Date:	10/26/20	10/26/20	10/26/20		
Canister #:	2522	3197	2542		
Canister Volume (1L or 6L):	1L	1L	1L		
Individually Certified (Y/N):	Y	Y	Y		
Flow Controller #:	1646	2836	2668		
Flow Controller Rate(mL/min):	200	200	200		
Split / Duplicate Sample:	N/A	N/A	N/A		
Soil-Gas Sampling Train					
Purge Manifold Style:	MPCA	MPCA	MPCA		
Manifold Tubing / Valve Component Types:	MPCA	MPCA	MPCA		
Tubing Inner Diameter (in):	3/16	3/16	3/16		
Approximate Total Length of Tubing (ft):	~1	~1	~1		
Tubing Volume (mL)*:	50	50	50		
Leak Test Information (Vacuum Shut-In Method)					
Vaccum Application Method:	Vacuum	Vacuum	Vacuum		
Pre-Sample Start Time:	920	920	920		
Vacuum (in Hg):	23	25	20		
Pre-Sample Stop Time:	925	925	925		
Vacuum (in Hg):	23	25	20		
Post-Sample Start Time:	1015	1015	1015		
Vacuum (in Hg):	19	21	18		
Post-Sample Stop Time:	1020	1020	1020		
Vacuum (in Hg):	19	21	18		
Water Dam Test/Bentonite Surface Seal:	Wtr Dam	Wtr Dam	Wtr Dam		
Sample Purging Information					
Equilibration Time Between Installation and Sampling:	24hr +	24hr +	24hr +		
Purging Method:	Hand Pump	Hand Pump	Hand pump		
SSMP/Implant/PRT Void and Tubing Volume (mL):	SSMP	SSMP	SSMP		
Pump Rate (mL/min):	125	125	125		
Purging Duration (min):	2	2	2		
Volume Purged (mL):	250	250	250		
Sample Collection / Vapor Screening Information					
Start Time:	1002	1001	1003		
Vacuum (Hg):	30	30	30		
Stop Time:	1009	1009	1010		
Vacuum (Hg):	2	2	1		
PID # (10.6 or 11.7)					
PID Reading (ppm):	1.1	<1.0	1.0		
Mulitgas #:	1				
LEL (%):	0	0	0		
O2 (%):	18.0	18.1	17.6		
H2S (ppm):	0.0	0.0	0.0		
CO (ppm):	0	0	0		
CO2 (%):	3.9	3.1	3.9		
CH4 (ppm):	230	280	185		
Pressure Reading (pa):	0.8	-0.2	1.1		

*For 3/16" ID (1/4" OD) tubing, there are 5.43 mL per linear foot. For other diameter tubing, formula is πr2 x 12 in x linear feet x 16.387064

Terracon
Consulting Engineers & Scientists

FIELD DATA FORM: POST-RUN TUBING (PRT) METHOD 2001006135

PROJECT NAME: BOBER PHARMACY (VP23410) Sample ID: 23410-SGMP-7

PROJECT NO.: 41187193 Sample Date: 3/31/20

Temperature: 55° °F / °C Barometric Pressure: _____ "Hg*

Has there been significant rain or snow recent to the sampling event? (Yes) No

If Yes to above question; Date(s) _____ Amount * ½ in. *(www.localconditions.com)

Location Description: S of House, E of walkway Surface Cover: _____

Subsurface Utilities and distance from probe: irrigation ~5

Potential VOC sources in the vicinity? — Distance from probe: — ft.

PRT Probe Details

PRT Equipment/Subcontractor: HAND DRIVEN / TERRACON

Sample Zone Soil Type: (circle one): Clay Silt (Sand) Gravel Other _____

Apparent Moisture Content of Sampling Zone (circle one): dry (moist) wet (do not sample if saturated)

Borehole Diameter (in.) 1.5

PRT Probe Terminal Rod Depth (ft.) 7½

Rod Pull-Back (in.) 6

Water Source for surface bentonite hydration: NEW DISTILLED Deionized? yes (no)

Surface Seal Around Probe Rod: BENTONITE

Sample Purging

Equilibration time between probe installation and purging: 0.5 hours (2 hours recommended)

Pull-Back Space Volume: 80 ml

Tubing Type: Teflon Tubing Length: ~10 ft. Tubing Diameter: 3/16 inch

Purging Method: ~~Grab~~ rinse Pump Rate: - ml / min. Purging Duration: 2 min.

Volume Purged: 360 ml —

~~PID / FID~~ at Initial Purge: — ppm PID / FID at Sample Collection: 0.0 ppm

Leak Test Prior to Sample Collection? (Yes) No Method Vacuum

Vacuum Shut-in Test

Pre: Start Time: 1420 Vacuum: 20 "Hg Stop Time: 1425 Vacuum: 20 "Hg

Post: Start Time: _____ Vacuum: _____ "Hg Stop Time: _____ Vacuum: _____ "Hg

Sample Collection

Sample Container (circle one): (1L) 6L Canister #: 1430

Flow Controller (circle one): 100 ml/min (200 ml/min) Flow Controller #: 2177

Start Time: 1430 Vacuum: 27 "Hg Stop Time: 1457 Vacuum: 3 "Hg

LEL 0 % O2 14.4 % H2S 0 ppm CO 0 ppm CO2 1.5 % CH4 1.30 ppm

Sample Vacuum Reading — pa

Split Sample? Yes (No) Describe Split Method: _____

Comments: _____

Form Completed By: DEL + JME Date: 3/31/20

APPENDIX B
Soil Gas Investigation Guidance Document, August 7, 2013

Terracon
Consulting Engineers & Scientists

FIELD DATA FORM: POST-RUN TUBING (PRT) METHOD

2001006135

PROJECT NAME: Baker Pharmacy Sample ID: 23410-SGMP-7

PROJECT NO.: 4187193 Sample Date: 6/11/20

Temperature: 73 °F / °C Barometric Pressure: 29.99 "Hg*

Has there been significant rain or snow recent to the sampling event? Yes (No)

If Yes to above question; Date(s) ~ Amount * ~ in. *(www.localconditions.com)

Location Description: Backyard Surface Cover: Grass

Subsurface Utilities and distance from probe: Water - irrigation lines

Potential VOC sources in the vicinity? N/A Distance from probe: unknown ft

PRT Probe Details

PRT Equipment/Subcontractor: Hand Driven

Sample Zone Soil Type: (circle one): Clay (Silt) Sand Gravel Other

Apparent Moisture Content of Sampling Zone (circle one): dry (moist) wet (do not sample if saturated)

Borehole Diameter (in.) 1

PRT Probe Terminal Rod Depth (ft.) 7.5

Rod Pull-Back (in.) 6

Water Source for surface bentonite hydration: DI Deionized? (yes) no

Surface Seal Around Probe Rod: Bentonite

Sample Purging

Equlibration time between probe installation and purging: 1/2 hours (2 hours recommended)

Pull-Back Space Volume: 100 ml

Tubing Type: Teflon Tubing Length: ~9 ft. Tubing Diameter: 1/8 inch

Purging Method: Hand Pump Pump Rate: 140 ml / min. Purging Duration: 5 min.

Volume Purged: 280 ml (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged)

(PID) / FID at Initial Purge: 41.0 ppm PID / FID at Sample Collection: 0.0 ppm

Leak Test Prior to Sample Collection? (Yes) No Method Vacu

Vacuum Shut-in Test

Start Time: 1200 Vacuum: 24 "Hg Stop Time: 1205 Vacuum: 24 "Hg

Sample Collection

Sample Container (circle one): 1L (6L) Canister #: 0505

Flow Controller (circle one): 100 ml/min (200 ml/min) Flow Controller #: 0679

Start Time: 1211 Vacuum: 30 "Hg Stop Time: 1249 Vacuum: 4 "Hg

LEL 0 % O2 19.2 % H2S 0.0 ppm CO 0 ppm CO2 1.5 % CH4 710 ppm

Sample Vacuum Reading _____ pa

Split Sample? Yes (No) Describe Split Method: N/A

Comments:

Form Completed By: SCW Date: 6/11/20

APPENDIX E

1058 Summit Avenue Vapor Intrusion Assessment Photographic Log
St. Paul, Minnesota
Terracon Project No. 41187193
Date of Photographs: February 5, 2020

1. Exterior view of house from the west looking northeast (courtesy of Google Earth).

2. Location of sub-slab monitoring point 1058S-SS-1 behind white door.

3. Location of sub-slab monitoring point 1058S-SS-2 under carpet near door jam on middle-right of photograph.

4. Location of sub-slab monitoring point 1058S-SS-3 below light switch in laundry room and in foreground before white shelving.

FIELD FORMS

SOIL-GAS PUSH-PROBES 23410-SGP-1 TO 23410-SGP-4

Terracon

PRT Probe Advancement Form

Project:	Bober Pharmacy		Project #: 41187143D		
Weather:	80° Sunny		Completed by: RPZ		
General	2001088638	2001088639	2001088640	2001088641	
Sample ID:	23410-SGP-1	23410-SGP-2	23410-SGP-3	23410-SGP-4	
Installation Date:	6/15/21	6/15/21	6/15/21	6/15/21	
Installation Time:	1005	1050	1152	~~1138 1245~~ 1215	
Location Details					
Location Description:*	Wagullet rest.	Running Room	Chicago't Palm Beach ten		* All on 5 must Yellow turn lane line
Surface Cover:	Asphalt	Asphalt	Asphalt	Asphalt	
Subsurface Utilities:	Gas/water	Gas/water	Gas/water	Gas/water	
Subsurface Utilities Distance from Sub-Slab Point:	10 feet	10 ft	10 ft	Gas - 10' water 5' → (Abandoned) 20' → (Active)	
Potential VOC Sources:	Car exhast	Car exhaust	Car exhaust	Car exhaust	
Potential VOC Sources Distance from Sub-Slab Point:	5'	5'	5'	5'	
Post-Run Tubing Advancement Details					
Subcontractor/Driller:	Thein				
Sample Interval Soil Type (clay, sand, gravel, etc):	Sand	Sand	Sand	Sand	
Sample Interval Moisture Content (dry, moist, wet):	dry	dry	dry	dry	
Borehole Diameter (in):	1	1	1	1	
Terminal Borehole Depth (ft):	6	6	6	6	
PRT Pull Back length (in):	5.5	5.5	5.5	5.5	
Pull Back Void Volume (mL):	78	78	78	78	
Bentonite Surface Seal (Y/N):	Y	Y	Y	Y	
Water Source for Surface Seal:	—	—	—	—	
Notes:					

1-inch dia. rod = 13 mL per linear inch of void. 1.5-inch dia. rod = 29 mL per linear inch of void. 2-inch dia. rod = 51.5 mL per linear inch of void.

For other rod diameters, formula is $\pi r2$ x linear inches x 16.387064

Soil-Gas Sampling Form

Terracon

Page 1 of 1

Project: Baker Pharmacy | **Project #:** 411871430

Weather: 80° Sunny | **Completed by:** AR

General	200100 8638	200100 8639	200100 8640	200100 8641
Sample ID:	23410-SGP-1	23410-SGP-2	23410-SGP-3	23410-SGP-4
Sampling Date:	6/15/21	6/15/21	6/15/21	6/15/21
Canister #:	2074	1012	2527	2844
Canister Volume (1L or 6L):	1L	1L	1L	1L
Individually Certified (Y/N):	Y	Y	Y	Y
Flow Controller #:	1579	1901	1642	1142
Flow Controller Rate(mL/min):	200	200	200	200
Split / Duplicate Sample:	-	-	-	-
Soil-Gas Sampling Train				
Purge Manifold Style:	MPCA	MPCA	MPCA	MPCA
Manifold Tubing / Valve Component Types:	Poly carb	Poly carb	Poly carb	Poly carb
Tubing Inner Diameter (in):	3/16	3/16	3/16	3/16
Approximate Total Length of Tubing (ft):	7	7	7	7
Tubing Volume (mL)*:				
Leak Test Information (Vacuum Shut-In Method)				
Vaccum Application Method:	Syringe →			
Pre-Sample Start Time:	1000	1053 1040	1123	1227
Vacuum (in Hg):	18	21	19	17
Pre-Sample Stop Time:	1005	1100 1045	1130	1235
Vacuum (in Hg):	18	21	19	17
Post-Sample Start Time:				
Vacuum (in Hg):				
Post-Sample Stop Time:				
Vacuum (in Hg):				
Water Dam Test/Bentonite Surface Seal:	Y	Y	Y	Y
Sample Purging Information				
Equilibration Time Between Installation and Sampling:	~5 min	~5 min	~5 min	~5 min.
Purging Method:	Syringe	Syringe	Syringe	Syringe
SSMP/Implant/PRT Void and Tubing Volume (mL):	118	118	118	118
Pump Rate (mL/min):	200	200	200	200
Purging Duration (min):	1	1	1	1
Volume Purged (mL):	250	250	250	250
Sample Collection / Vapor Screening Information				
Start Time:	1011	1053	1155	1247
Vacuum (Hg):	24	29	29	29
Stop Time:	1017	1100	1202	1254
Vacuum (Hg):	3	3	3	3
PID # (10.6 or 11.7):	11.7			
PID Reading (ppm):	2.2	0.1	0.1	0.0
Mulitgas #:				
LEL (%):				
O2 (%):				
H2S (ppm):				
CO (ppm):				
CO2 (%):				
CH4 (ppm):				
Pressure Reading (pa):				

LABORATORY ANALYTICAL REPORT

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

June 28, 2021

Justin Enwall
Terracon Consultants, Inc.
955 Wells St
Suite 100
Saint Paul, MN 55106

RE: Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Dear Justin Enwall:

Enclosed are the analytical results for sample(s) received by the laboratory on June 15, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amanda J Albrecht

Amanda Albrecht
amanda.albrecht@pacelabs.com
(612)607-6382
Project Manager

Enclosures

cc: Accounts Payable, Terracon Consultants, Inc.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Pace Analytical Services, LLC - Minneapolis MN
1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
A2LA Certification #: 2926.01*
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240*
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563*
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

Pace Analytical Services, LLC
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Minneapolis, MN 55414
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SAMPLE SUMMARY

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10565641001	**23410-SGP-1**	Air	06/15/21 10:17	06/15/21 14:40
10565641002	**23410-SGP-1 CERT#2079**	Air		06/15/21 14:40
10565641003	**23410-SGP-2**	Air	06/15/21 11:00	06/15/21 14:40
10565641004	**23410-SGP-2 CERT#1012**	Air		06/15/21 14:40
10565641005	**23410-SGP-3**	Air	06/15/21 12:02	06/15/21 14:40
10565641006	**23410-SGP-3 CERT#2527**	Air		06/15/21 14:40
10565641007	**23410-SGP-4**	Air	06/15/21 12:54	06/15/21 14:40
10565641008	**23410-SGP-4 CERT#2844**	Air		06/15/21 14:40

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SAMPLE ANALYTE COUNT

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10565641001	**23410-SGP-1**	TO-15	AFV	61
10565641002	**23410-SGP-1 CERT#2079**	TO-15	AFV	61
10565641003	**23410-SGP-2**	TO-15	AFV	61
10565641004	**23410-SGP-2 CERT#1012**	TO-15	AFV	61
10565641005	**23410-SGP-3**	TO-15	GT	61
10565641006	**23410-SGP-3 CERT#2527**	TO-15	AFV	61
10565641007	**23410-SGP-4**	TO-15	GT	61
10565641008	**23410-SGP-4 CERT#2844**	TO-15	AFV	61

PASI-M = Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
1700 Elm Street
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(612)607-1700

PROJECT NARRATIVE

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Date: June 28, 2021

23410-SGP-1 (Lab ID: 10565641001)

- K1: The Total Hydrocarbon (THC) pattern occured in the first half of the chromatogram (before toluene).

23410-SGP-2 (Lab ID: 10565641003)

- K3: The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

23410-SGP-3 (Lab ID: 10565641005)

- K2: The Total Hydrocarbon (THC) pattern occured in the second half of the chromatogram (after toluene).

23410-SGP-4 (Lab ID: 10565641007)

- K2: The Total Hydrocarbon (THC) pattern occured in the second half of the chromatogram (after toluene).

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1700 Elm Street
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PROJECT NARRATIVE

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Method: **TO-15**
Description: TO15 MSV AIR
Client: Terracon Consultants, Inc - St. Paul
Date: June 28, 2021

General Information:
4 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 750883

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
- LCS (Lab ID: 4004703)
  - 1,2-Dichlorobenzene
  - Benzyl chloride

QC Batch: 751558

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
- LCS (Lab ID: 4009713)
  - Bromodichloromethane
  - n-Heptane

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 750883

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
- LCS (Lab ID: 4004703)
  - Benzyl chloride

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Method: **TO-15**
Description: TO15 MSV AIR
Client: Terracon Consultants, Inc - St. Paul
Date: June 28, 2021

QC Batch: 750883

R1: RPD value was outside control limits.
- DUP (Lab ID: 4005886)
  - Ethanol
- DUP (Lab ID: 4005887)
  - Ethanol

Additional Comments:

Analyte Comments:

QC Batch: 750883

E: Analyte concentration exceeded the calibration range. The reported result is estimated.
- 23410-SGP-1 (Lab ID: 10565641001)
  - Propylene

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Method: **TO-15**
Description: Individual Can Certification
Client: Terracon Consultants, Inc - St. Paul
Date: June 28, 2021

General Information:
4 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-1 **Lab ID: 10565641001** Collected: 06/15/21 10:17 Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**112**	ug/m3	11.1	3.3	1.83		06/21/21 19:37	67-64-1	
Benzene	**7.7**	ug/m3	1.2	0.21	1.83		06/21/21 19:37	71-43-2	
Benzyl chloride	ND	ug/m3	4.8	1.6	1.83		06/21/21 19:37	100-44-7	
Bromodichloromethane	ND	ug/m3	2.5	0.43	1.83		06/21/21 19:37	75-27-4	
Bromoform	ND	ug/m3	9.6	3.0	1.83		06/21/21 19:37	75-25-2	
Bromomethane	ND	ug/m3	1.4	0.27	1.83		06/21/21 19:37	74-83-9	
1,3-Butadiene	ND	ug/m3	0.82	0.22	1.83		06/21/21 19:37	106-99-0	
2-Butanone (MEK)	**46.6**	ug/m3	5.5	0.85	1.83		06/21/21 19:37	78-93-3	
Carbon disulfide	**1.8**	ug/m3	1.2	0.24	1.83		06/21/21 19:37	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.3	0.51	1.83		06/21/21 19:37	56-23-5	
Chlorobenzene	ND	ug/m3	1.7	0.28	1.83		06/21/21 19:37	108-90-7	
Chloroethane	ND	ug/m3	0.98	0.41	1.83		06/21/21 19:37	75-00-3	
Chloroform	**27.8**	ug/m3	0.91	0.33	1.83		06/21/21 19:37	67-66-3	
Chloromethane	ND	ug/m3	0.77	0.16	1.83		06/21/21 19:37	74-87-3	
Cyclohexane	**10.4**	ug/m3	3.2	0.40	1.83		06/21/21 19:37	110-82-7	
Dibromochloromethane	ND	ug/m3	3.2	0.94	1.83		06/21/21 19:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.4	0.55	1.83		06/21/21 19:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	5.6	0.74	1.83		06/21/21 19:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	5.6	0.93	1.83		06/21/21 19:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.6	1.6	1.83		06/21/21 19:37	106-46-7	
Dichlorodifluoromethane	**4.2**	ug/m3	1.8	0.34	1.83		06/21/21 19:37	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.5	0.30	1.83		06/21/21 19:37	75-34-3	
1,2-Dichloroethane	ND	ug/m3	1.5	0.36	1.83		06/21/21 19:37	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.5	0.25	1.83		06/21/21 19:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.5	0.36	1.83		06/21/21 19:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.5	0.31	1.83		06/21/21 19:37	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.7	0.49	1.83		06/21/21 19:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	4.2	0.47	1.83		06/21/21 19:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	4.2	1.0	1.83		06/21/21 19:37	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.6	0.37	1.83		06/21/21 19:37	76-14-2	
Ethanol	**12.3**	ug/m3	3.5	1.1	1.83		06/21/21 19:37	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.24	1.83		06/21/21 19:37	141-78-6	
Ethylbenzene	**2.8**	ug/m3	1.6	0.57	1.83		06/21/21 19:37	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.6	0.86	1.83		06/21/21 19:37	622-96-8	
n-Heptane	ND	ug/m3	1.5	0.33	1.83		06/21/21 19:37	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.9	2.3	1.83		06/21/21 19:37	87-68-3	
n-Hexane	**7.3**	ug/m3	1.3	0.35	1.83		06/21/21 19:37	110-54-3	
2-Hexanone	ND	ug/m3	7.6	0.81	1.83		06/21/21 19:37	591-78-6	
Methylene Chloride	ND	ug/m3	6.5	1.1	1.83		06/21/21 19:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.6	0.59	1.83		06/21/21 19:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.7	0.23	1.83		06/21/21 19:37	1634-04-4	
Naphthalene	**6.3**	ug/m3	4.9	4.0	1.83		06/21/21 19:37	91-20-3	
2-Propanol	**7.4**	ug/m3	4.6	0.93	1.83		06/21/21 19:37	67-63-0	
Propylene	**119**	ug/m3	1.6	0.24	1.83		06/21/21 19:37	115-07-1	E
Styrene	**2.4**	ug/m3	1.6	0.70	1.83		06/21/21 19:37	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-1 **Lab ID: 10565641001** Collected: 06/15/21 10:17 Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.6	0.68	1.83		06/21/21 19:37	79-34-5	
Tetrachloroethene	**597**	ug/m3	12.6	5.3	18.3		06/22/21 11:36	127-18-4	
Tetrahydrofuran	**33.7**	ug/m3	1.1	0.33	1.83		06/21/21 19:37	109-99-9	
Toluene	**12.7**	ug/m3	1.4	0.45	1.83		06/21/21 19:37	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	13.8	8.9	1.83		06/21/21 19:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.34	1.83		06/21/21 19:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.0	0.36	1.83		06/21/21 19:37	79-00-5	
Trichloroethene	ND	ug/m3	2.0	0.36	1.83		06/21/21 19:37	79-01-6	
Trichlorofluoromethane	**2.1**	ug/m3	2.1	0.43	1.83		06/21/21 19:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	**3.1**	ug/m3	2.9	0.53	1.83		06/21/21 19:37	76-13-1	
1,2,4-Trimethylbenzene	**3.8**	ug/m3	1.8	0.65	1.83		06/21/21 19:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.8	0.53	1.83		06/21/21 19:37	108-67-8	
Vinyl acetate	ND	ug/m3	1.3	0.38	1.83		06/21/21 19:37	108-05-4	
Vinyl chloride	ND	ug/m3	0.48	0.16	1.83		06/21/21 19:37	75-01-4	
m&p-Xylene	**5.0**	ug/m3	3.2	1.2	1.83		06/21/21 19:37	179601-23-1	
o-Xylene	**2.3**	ug/m3	1.6	0.50	1.83		06/21/21 19:37	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-1 CERT#2079 **Lab ID: 10565641002** Collected: Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		06/08/21 16:05	67-64-1	
Benzene	ND	ug/m3	0.32	0.11	1		06/08/21 16:05	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.89	1		06/08/21 16:05	100-44-7	
Bromodichloromethane	ND	ug/m3	1.4	0.24	1		06/08/21 16:05	75-27-4	
Bromoform	ND	ug/m3	5.2	1.6	1		06/08/21 16:05	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.15	1		06/08/21 16:05	74-83-9	
1,3-Butadiene	ND	ug/m3	0.45	0.12	1		06/08/21 16:05	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.46	1		06/08/21 16:05	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.13	1		06/08/21 16:05	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	0.28	1		06/08/21 16:05	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.16	1		06/08/21 16:05	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.22	1		06/08/21 16:05	75-00-3	
Chloroform	ND	ug/m3	0.50	0.18	1		06/08/21 16:05	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.085	1		06/08/21 16:05	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.22	1		06/08/21 16:05	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.52	1		06/08/21 16:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.78	0.30	1		06/08/21 16:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.1	0.40	1		06/08/21 16:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.1	0.51	1		06/08/21 16:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.88	1		06/08/21 16:05	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.19	1		06/08/21 16:05	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.82	0.16	1		06/08/21 16:05	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.82	0.19	1		06/08/21 16:05	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.81	0.14	1		06/08/21 16:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.81	0.20	1		06/08/21 16:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.81	0.17	1		06/08/21 16:05	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.94	0.27	1		06/08/21 16:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.3	0.26	1		06/08/21 16:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.3	0.54	1		06/08/21 16:05	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.20	1		06/08/21 16:05	76-14-2	
Ethanol	ND	ug/m3	1.9	0.59	1		06/08/21 16:05	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.13	1		06/08/21 16:05	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.31	1		06/08/21 16:05	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.47	1		06/08/21 16:05	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.18	1		06/08/21 16:05	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	1.2	1		06/08/21 16:05	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.19	1		06/08/21 16:05	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.44	1		06/08/21 16:05	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.59	1		06/08/21 16:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.32	1		06/08/21 16:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.13	1		06/08/21 16:05	1634-04-4	
Naphthalene	ND	ug/m3	5.3	2.2	1		06/08/21 16:05	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.51	1		06/08/21 16:05	67-63-0	
Propylene	ND	ug/m3	0.88	0.13	1		06/08/21 16:05	115-07-1	
Styrene	ND	ug/m3	0.87	0.38	1		06/08/21 16:05	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-1 CERT#2079 **Lab ID: 10565641002** Collected: Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.4	0.37	1		06/08/21 16:05	79-34-5	
Tetrachloroethene	ND	ug/m3	0.69	0.29	1		06/08/21 16:05	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.18	1		06/08/21 16:05	109-99-9	
Toluene	ND	ug/m3	0.77	0.24	1		06/08/21 16:05	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	15.1	4.9	1		06/08/21 16:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.1	0.19	1		06/08/21 16:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.56	0.20	1		06/08/21 16:05	79-00-5	
Trichloroethene	ND	ug/m3	0.55	0.20	1		06/08/21 16:05	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.23	1		06/08/21 16:05	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.29	1		06/08/21 16:05	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.35	1		06/08/21 16:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.29	1		06/08/21 16:05	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.21	1		06/08/21 16:05	108-05-4	
Vinyl chloride	ND	ug/m3	0.26	0.087	1		06/08/21 16:05	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.64	1		06/08/21 16:05	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.27	1		06/08/21 16:05	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-2 **Lab ID: 10565641003** Collected: 06/15/21 11:00 Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**87.6**	ug/m3	11.1	3.3	1.83		06/21/21 20:04	67-64-1	
Benzene	**5.4**	ug/m3	1.2	0.21	1.83		06/21/21 20:04	71-43-2	
Benzyl chloride	ND	ug/m3	4.8	1.6	1.83		06/21/21 20:04	100-44-7	
Bromodichloromethane	ND	ug/m3	2.5	0.43	1.83		06/21/21 20:04	75-27-4	
Bromoform	ND	ug/m3	9.6	3.0	1.83		06/21/21 20:04	75-25-2	
Bromomethane	ND	ug/m3	1.4	0.27	1.83		06/21/21 20:04	74-83-9	
1,3-Butadiene	ND	ug/m3	0.82	0.22	1.83		06/21/21 20:04	106-99-0	
2-Butanone (MEK)	**64.0**	ug/m3	5.5	0.85	1.83		06/21/21 20:04	78-93-3	
Carbon disulfide	**19.2**	ug/m3	1.2	0.24	1.83		06/21/21 20:04	75-15-0	
Carbon tetrachloride	ND	ug/m3	2.3	0.51	1.83		06/21/21 20:04	56-23-5	
Chlorobenzene	ND	ug/m3	1.7	0.28	1.83		06/21/21 20:04	108-90-7	
Chloroethane	ND	ug/m3	0.98	0.41	1.83		06/21/21 20:04	75-00-3	
Chloroform	**13.7**	ug/m3	0.91	0.33	1.83		06/21/21 20:04	67-66-3	
Chloromethane	ND	ug/m3	0.77	0.16	1.83		06/21/21 20:04	74-87-3	
Cyclohexane	**10.5**	ug/m3	3.2	0.40	1.83		06/21/21 20:04	110-82-7	
Dibromochloromethane	ND	ug/m3	3.2	0.94	1.83		06/21/21 20:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.4	0.55	1.83		06/21/21 20:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	5.6	0.74	1.83		06/21/21 20:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	5.6	0.93	1.83		06/21/21 20:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.6	1.6	1.83		06/21/21 20:04	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.8	0.34	1.83		06/21/21 20:04	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.5	0.30	1.83		06/21/21 20:04	75-34-3	
1,2-Dichloroethane	ND	ug/m3	1.5	0.36	1.83		06/21/21 20:04	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.5	0.25	1.83		06/21/21 20:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.5	0.36	1.83		06/21/21 20:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.5	0.31	1.83		06/21/21 20:04	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.7	0.49	1.83		06/21/21 20:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	4.2	0.47	1.83		06/21/21 20:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	4.2	1.0	1.83		06/21/21 20:04	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.6	0.37	1.83		06/21/21 20:04	76-14-2	
Ethanol	**8.3**	ug/m3	3.5	1.1	1.83		06/21/21 20:04	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.24	1.83		06/21/21 20:04	141-78-6	
Ethylbenzene	**2.1**	ug/m3	1.6	0.57	1.83		06/21/21 20:04	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.6	0.86	1.83		06/21/21 20:04	622-96-8	
n-Heptane	ND	ug/m3	1.5	0.33	1.83		06/21/21 20:04	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.9	2.3	1.83		06/21/21 20:04	87-68-3	
n-Hexane	ND	ug/m3	1.3	0.35	1.83		06/21/21 20:04	110-54-3	
2-Hexanone	ND	ug/m3	7.6	0.81	1.83		06/21/21 20:04	591-78-6	
Methylene Chloride	ND	ug/m3	6.5	1.1	1.83		06/21/21 20:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.6	0.59	1.83		06/21/21 20:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.7	0.23	1.83		06/21/21 20:04	1634-04-4	
Naphthalene	**6.1**	ug/m3	4.9	4.0	1.83		06/21/21 20:04	91-20-3	
2-Propanol	**6.4**	ug/m3	4.6	0.93	1.83		06/21/21 20:04	67-63-0	
Propylene	ND	ug/m3	1.6	0.24	1.83		06/21/21 20:04	115-07-1	
Styrene	**2.7**	ug/m3	1.6	0.70	1.83		06/21/21 20:04	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-2 **Lab ID: 10565641003** Collected: 06/15/21 11:00 Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.6	0.68	1.83		06/21/21 20:04	79-34-5	
Tetrachloroethene	**1670**	ug/m3	37.8	16.0	54.9		06/22/21 12:01	127-18-4	
Tetrahydrofuran	**33.0**	ug/m3	1.1	0.33	1.83		06/21/21 20:04	109-99-9	
Toluene	**10.5**	ug/m3	1.4	0.45	1.83		06/21/21 20:04	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	13.8	8.9	1.83		06/21/21 20:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.0	0.34	1.83		06/21/21 20:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.0	0.36	1.83		06/21/21 20:04	79-00-5	
Trichloroethene	ND	ug/m3	2.0	0.36	1.83		06/21/21 20:04	79-01-6	
Trichlorofluoromethane	**3.1**	ug/m3	2.1	0.43	1.83		06/21/21 20:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.9	0.53	1.83		06/21/21 20:04	76-13-1	
1,2,4-Trimethylbenzene	**3.9**	ug/m3	1.8	0.65	1.83		06/21/21 20:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.8	0.53	1.83		06/21/21 20:04	108-67-8	
Vinyl acetate	ND	ug/m3	1.3	0.38	1.83		06/21/21 20:04	108-05-4	
Vinyl chloride	ND	ug/m3	0.48	0.16	1.83		06/21/21 20:04	75-01-4	
m&p-Xylene	**4.0**	ug/m3	3.2	1.2	1.83		06/21/21 20:04	179601-23-1	
o-Xylene	**1.7**	ug/m3	1.6	0.50	1.83		06/21/21 20:04	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-2 CERT#1012 **Lab ID: 10565641004** Collected: Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		06/08/21 19:35	67-64-1	
Benzene	ND	ug/m3	0.32	0.11	1		06/08/21 19:35	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.89	1		06/08/21 19:35	100-44-7	
Bromodichloromethane	ND	ug/m3	1.4	0.24	1		06/08/21 19:35	75-27-4	
Bromoform	ND	ug/m3	5.2	1.6	1		06/08/21 19:35	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.15	1		06/08/21 19:35	74-83-9	
1,3-Butadiene	ND	ug/m3	0.45	0.12	1		06/08/21 19:35	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.46	1		06/08/21 19:35	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.13	1		06/08/21 19:35	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	0.28	1		06/08/21 19:35	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.16	1		06/08/21 19:35	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.22	1		06/08/21 19:35	75-00-3	
Chloroform	ND	ug/m3	0.50	0.18	1		06/08/21 19:35	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.085	1		06/08/21 19:35	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.22	1		06/08/21 19:35	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.52	1		06/08/21 19:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.78	0.30	1		06/08/21 19:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.1	0.40	1		06/08/21 19:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.1	0.51	1		06/08/21 19:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.88	1		06/08/21 19:35	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.19	1		06/08/21 19:35	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.82	0.16	1		06/08/21 19:35	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.82	0.19	1		06/08/21 19:35	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.81	0.14	1		06/08/21 19:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.81	0.20	1		06/08/21 19:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.81	0.17	1		06/08/21 19:35	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.94	0.27	1		06/08/21 19:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.3	0.26	1		06/08/21 19:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.3	0.54	1		06/08/21 19:35	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.20	1		06/08/21 19:35	76-14-2	
Ethanol	ND	ug/m3	1.9	0.59	1		06/08/21 19:35	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.13	1		06/08/21 19:35	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.31	1		06/08/21 19:35	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.47	1		06/08/21 19:35	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.18	1		06/08/21 19:35	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	1.2	1		06/08/21 19:35	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.19	1		06/08/21 19:35	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.44	1		06/08/21 19:35	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.59	1		06/08/21 19:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.32	1		06/08/21 19:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.13	1		06/08/21 19:35	1634-04-4	
Naphthalene	ND	ug/m3	5.3	2.2	1		06/08/21 19:35	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.51	1		06/08/21 19:35	67-63-0	
Propylene	ND	ug/m3	0.88	0.13	1		06/08/21 19:35	115-07-1	
Styrene	ND	ug/m3	0.87	0.38	1		06/08/21 19:35	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-2 CERT#1012 **Lab ID: 10565641004** Collected: Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.4	0.37	1		06/08/21 19:35	79-34-5	
Tetrachloroethene	ND	ug/m3	0.69	0.29	1		06/08/21 19:35	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.18	1		06/08/21 19:35	109-99-9	
Toluene	ND	ug/m3	0.77	0.24	1		06/08/21 19:35	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	15.1	4.9	1		06/08/21 19:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.1	0.19	1		06/08/21 19:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.56	0.20	1		06/08/21 19:35	79-00-5	
Trichloroethene	ND	ug/m3	0.55	0.20	1		06/08/21 19:35	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.23	1		06/08/21 19:35	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.29	1		06/08/21 19:35	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.35	1		06/08/21 19:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.29	1		06/08/21 19:35	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.21	1		06/08/21 19:35	108-05-4	
Vinyl chloride	ND	ug/m3	0.26	0.087	1		06/08/21 19:35	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.64	1		06/08/21 19:35	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.27	1		06/08/21 19:35	95-47-6	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-3 **Lab ID: 10565641005** Collected: 06/15/21 12:02 Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	344	103	57		06/24/21 01:52	67-64-1	
Benzene	ND	ug/m3	18.5	6.5	57		06/24/21 01:52	71-43-2	
Benzyl chloride	ND	ug/m3	150	50.7	57		06/24/21 01:52	100-44-7	
Bromodichloromethane	ND	ug/m3	77.5	13.5	57		06/24/21 01:52	75-27-4	
Bromoform	ND	ug/m3	299	92.3	57		06/24/21 01:52	75-25-2	
Bromomethane	ND	ug/m3	45.0	8.6	57		06/24/21 01:52	74-83-9	
1,3-Butadiene	ND	ug/m3	25.6	6.8	57		06/24/21 01:52	106-99-0	
2-Butanone (MEK)	ND	ug/m3	171	26.5	57		06/24/21 01:52	78-93-3	
Carbon disulfide	ND	ug/m3	36.1	7.4	57		06/24/21 01:52	75-15-0	
Carbon tetrachloride	ND	ug/m3	73.0	16.0	57		06/24/21 01:52	56-23-5	
Chlorobenzene	ND	ug/m3	53.4	8.8	57		06/24/21 01:52	108-90-7	
Chloroethane	ND	ug/m3	30.6	12.8	57		06/24/21 01:52	75-00-3	
Chloroform	ND	ug/m3	28.3	10.4	57		06/24/21 01:52	67-66-3	
Chloromethane	ND	ug/m3	23.9	4.9	57		06/24/21 01:52	74-87-3	
Cyclohexane	ND	ug/m3	99.8	12.6	57		06/24/21 01:52	110-82-7	
Dibromochloromethane	ND	ug/m3	98.6	29.4	57		06/24/21 01:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	44.5	17.1	57		06/24/21 01:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	174	23.1	57		06/24/21 01:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	174	29.0	57		06/24/21 01:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	174	50.0	57		06/24/21 01:52	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	57.6	10.7	57		06/24/21 01:52	75-71-8	
1,1-Dichloroethane	ND	ug/m3	46.9	9.4	57		06/24/21 01:52	75-34-3	
1,2-Dichloroethane	ND	ug/m3	46.9	11.1	57		06/24/21 01:52	107-06-2	
1,1-Dichloroethene	ND	ug/m3	45.9	7.9	57		06/24/21 01:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	45.9	11.1	57		06/24/21 01:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	45.9	9.6	57		06/24/21 01:52	156-60-5	
1,2-Dichloropropane	ND	ug/m3	53.5	15.3	57		06/24/21 01:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	132	14.5	57		06/24/21 01:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	132	31.0	57		06/24/21 01:52	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	80.9	11.5	57		06/24/21 01:52	76-14-2	
Ethanol	ND	ug/m3	109	33.7	57		06/24/21 01:52	64-17-5	
Ethyl acetate	ND	ug/m3	41.8	7.5	57		06/24/21 01:52	141-78-6	
Ethylbenzene	ND	ug/m3	50.3	17.6	57		06/24/21 01:52	100-41-4	
4-Ethyltoluene	ND	ug/m3	142	26.9	57		06/24/21 01:52	622-96-8	
n-Heptane	ND	ug/m3	47.5	10.3	57		06/24/21 01:52	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	309	70.1	57		06/24/21 01:52	87-68-3	
n-Hexane	ND	ug/m3	40.8	10.9	57		06/24/21 01:52	110-54-3	
2-Hexanone	ND	ug/m3	237	25.2	57		06/24/21 01:52	591-78-6	
Methylene Chloride	ND	ug/m3	201	33.8	57		06/24/21 01:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	237	18.3	57		06/24/21 01:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	209	7.2	57		06/24/21 01:52	1634-04-4	
Naphthalene	ND	ug/m3	152	124	57		06/24/21 01:52	91-20-3	
2-Propanol	ND	ug/m3	142	29.0	57		06/24/21 01:52	67-63-0	
Propylene	**347**	ug/m3	49.9	7.4	57		06/24/21 01:52	115-07-1	
Styrene	ND	ug/m3	49.4	21.9	57		06/24/21 01:52	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-3 **Lab ID: 10565641005** Collected: 06/15/21 12:02 Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	79.8	21.2	57		06/24/21 01:52	79-34-5	
Tetrachloroethene	**2940**	ug/m3	39.3	16.6	57		06/24/21 01:52	127-18-4	
Tetrahydrofuran	**78.6**	ug/m3	34.2	10.3	57		06/24/21 01:52	109-99-9	
Toluene	ND	ug/m3	43.7	13.9	57		06/24/21 01:52	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	430	278	57		06/24/21 01:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	63.3	10.6	57		06/24/21 01:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	31.6	11.2	57		06/24/21 01:52	79-00-5	
Trichloroethene	ND	ug/m3	31.1	11.2	57		06/24/21 01:52	79-01-6	
Trichlorofluoromethane	ND	ug/m3	65.0	13.3	57		06/24/21 01:52	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	88.9	16.5	57		06/24/21 01:52	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	56.9	20.2	57		06/24/21 01:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	56.9	16.5	57		06/24/21 01:52	108-67-8	
Vinyl acetate	ND	ug/m3	40.8	11.9	57		06/24/21 01:52	108-05-4	
Vinyl chloride	ND	ug/m3	14.8	4.9	57		06/24/21 01:52	75-01-4	
m&p-Xylene	ND	ug/m3	101	36.6	57		06/24/21 01:52	179601-23-1	
o-Xylene	ND	ug/m3	50.3	15.4	57		06/24/21 01:52	95-47-6	

REPORT OF LABORATORY ANALYSIS

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Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-3 CERT#2527 **Lab ID: 10565641006** Collected: Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		06/08/21 16:58	67-64-1	
Benzene	ND	ug/m3	0.32	0.11	1		06/08/21 16:58	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.89	1		06/08/21 16:58	100-44-7	
Bromodichloromethane	ND	ug/m3	1.4	0.24	1		06/08/21 16:58	75-27-4	
Bromoform	ND	ug/m3	5.2	1.6	1		06/08/21 16:58	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.15	1		06/08/21 16:58	74-83-9	
1,3-Butadiene	ND	ug/m3	0.45	0.12	1		06/08/21 16:58	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.46	1		06/08/21 16:58	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.13	1		06/08/21 16:58	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	0.28	1		06/08/21 16:58	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.16	1		06/08/21 16:58	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.22	1		06/08/21 16:58	75-00-3	
Chloroform	ND	ug/m3	0.50	0.18	1		06/08/21 16:58	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.085	1		06/08/21 16:58	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.22	1		06/08/21 16:58	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.52	1		06/08/21 16:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.78	0.30	1		06/08/21 16:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.1	0.40	1		06/08/21 16:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.1	0.51	1		06/08/21 16:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.88	1		06/08/21 16:58	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.19	1		06/08/21 16:58	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.82	0.16	1		06/08/21 16:58	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.82	0.19	1		06/08/21 16:58	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.81	0.14	1		06/08/21 16:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.81	0.20	1		06/08/21 16:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.81	0.17	1		06/08/21 16:58	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.94	0.27	1		06/08/21 16:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.3	0.26	1		06/08/21 16:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.3	0.54	1		06/08/21 16:58	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.20	1		06/08/21 16:58	76-14-2	
Ethanol	ND	ug/m3	1.9	0.59	1		06/08/21 16:58	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.13	1		06/08/21 16:58	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.31	1		06/08/21 16:58	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.47	1		06/08/21 16:58	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.18	1		06/08/21 16:58	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	1.2	1		06/08/21 16:58	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.19	1		06/08/21 16:58	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.44	1		06/08/21 16:58	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.59	1		06/08/21 16:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.32	1		06/08/21 16:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.13	1		06/08/21 16:58	1634-04-4	
Naphthalene	ND	ug/m3	5.3	2.2	1		06/08/21 16:58	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.51	1		06/08/21 16:58	67-63-0	
Propylene	ND	ug/m3	0.88	0.13	1		06/08/21 16:58	115-07-1	
Styrene	ND	ug/m3	0.87	0.38	1		06/08/21 16:58	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-3 CERT#2527 **Lab ID: 10565641006** Collected: Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.4	0.37	1		06/08/21 16:58	79-34-5	
Tetrachloroethene	ND	ug/m3	0.69	0.29	1		06/08/21 16:58	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.18	1		06/08/21 16:58	109-99-9	
Toluene	ND	ug/m3	0.77	0.24	1		06/08/21 16:58	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	15.1	4.9	1		06/08/21 16:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.1	0.19	1		06/08/21 16:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.56	0.20	1		06/08/21 16:58	79-00-5	
Trichloroethene	ND	ug/m3	0.55	0.20	1		06/08/21 16:58	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.23	1		06/08/21 16:58	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.29	1		06/08/21 16:58	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.35	1		06/08/21 16:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.29	1		06/08/21 16:58	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.21	1		06/08/21 16:58	108-05-4	
Vinyl chloride	ND	ug/m3	0.26	0.087	1		06/08/21 16:58	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.64	1		06/08/21 16:58	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.27	1		06/08/21 16:58	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-4 **Lab ID: 10565641007** Collected: 06/15/21 12:54 Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	115	34.4	19		06/24/21 01:20	67-64-1	
Benzene	**9.6**	ug/m3	6.2	2.2	19		06/24/21 01:20	71-43-2	
Benzyl chloride	ND	ug/m3	50.0	16.9	19		06/24/21 01:20	100-44-7	
Bromodichloromethane	ND	ug/m3	25.8	4.5	19		06/24/21 01:20	75-27-4	
Bromoform	ND	ug/m3	99.8	30.8	19		06/24/21 01:20	75-25-2	
Bromomethane	ND	ug/m3	15.0	2.8	19		06/24/21 01:20	74-83-9	
1,3-Butadiene	ND	ug/m3	8.6	2.3	19		06/24/21 01:20	106-99-0	
2-Butanone (MEK)	ND	ug/m3	57.0	8.8	19		06/24/21 01:20	78-93-3	
Carbon disulfide	ND	ug/m3	12.0	2.5	19		06/24/21 01:20	75-15-0	
Carbon tetrachloride	ND	ug/m3	24.3	5.3	19		06/24/21 01:20	56-23-5	
Chlorobenzene	ND	ug/m3	17.8	2.9	19		06/24/21 01:20	108-90-7	
Chloroethane	ND	ug/m3	10.2	4.3	19		06/24/21 01:20	75-00-3	
Chloroform	**19.1**	ug/m3	9.4	3.5	19		06/24/21 01:20	67-66-3	
Chloromethane	ND	ug/m3	8.0	1.6	19		06/24/21 01:20	74-87-3	
Cyclohexane	ND	ug/m3	33.2	4.2	19		06/24/21 01:20	110-82-7	
Dibromochloromethane	ND	ug/m3	32.9	9.8	19		06/24/21 01:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	14.8	5.7	19		06/24/21 01:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	58.1	7.7	19		06/24/21 01:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	58.1	9.7	19		06/24/21 01:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	58.1	16.7	19		06/24/21 01:20	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	19.2	3.6	19		06/24/21 01:20	75-71-8	
1,1-Dichloroethane	ND	ug/m3	15.6	3.1	19		06/24/21 01:20	75-34-3	
1,2-Dichloroethane	ND	ug/m3	15.6	3.7	19		06/24/21 01:20	107-06-2	
1,1-Dichloroethene	ND	ug/m3	15.3	2.6	19		06/24/21 01:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	15.3	3.7	19		06/24/21 01:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	15.3	3.2	19		06/24/21 01:20	156-60-5	
1,2-Dichloropropane	ND	ug/m3	17.8	5.1	19		06/24/21 01:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	43.9	4.8	19		06/24/21 01:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	43.9	10.3	19		06/24/21 01:20	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	27.0	3.8	19		06/24/21 01:20	76-14-2	
Ethanol	ND	ug/m3	36.5	11.2	19		06/24/21 01:20	64-17-5	
Ethyl acetate	ND	ug/m3	13.9	2.5	19		06/24/21 01:20	141-78-6	
Ethylbenzene	ND	ug/m3	16.8	5.9	19		06/24/21 01:20	100-41-4	
4-Ethyltoluene	ND	ug/m3	47.5	9.0	19		06/24/21 01:20	622-96-8	
n-Heptane	ND	ug/m3	15.8	3.4	19		06/24/21 01:20	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	103	23.4	19		06/24/21 01:20	87-68-3	
n-Hexane	ND	ug/m3	13.6	3.6	19		06/24/21 01:20	110-54-3	
2-Hexanone	ND	ug/m3	79.0	8.4	19		06/24/21 01:20	591-78-6	
Methylene Chloride	ND	ug/m3	67.1	11.3	19		06/24/21 01:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	79.0	6.1	19		06/24/21 01:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	69.5	2.4	19		06/24/21 01:20	1634-04-4	
Naphthalene	ND	ug/m3	50.5	41.2	19		06/24/21 01:20	91-20-3	
2-Propanol	ND	ug/m3	47.5	9.7	19		06/24/21 01:20	67-63-0	
Propylene	**116**	ug/m3	16.6	2.5	19		06/24/21 01:20	115-07-1	
Styrene	**22.6**	ug/m3	16.5	7.3	19		06/24/21 01:20	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-4 **Lab ID: 10565641007** Collected: 06/15/21 12:54 Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	26.6	7.1	19		06/24/21 01:20	79-34-5	
Tetrachloroethene	**1360**	ug/m3	13.1	5.5	19		06/24/21 01:20	127-18-4	
Tetrahydrofuran	**33.2**	ug/m3	11.4	3.4	19		06/24/21 01:20	109-99-9	
Toluene	**15.3**	ug/m3	14.6	4.6	19		06/24/21 01:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	143	92.7	19		06/24/21 01:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	21.1	3.5	19		06/24/21 01:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	10.5	3.7	19		06/24/21 01:20	79-00-5	
Trichloroethene	**98.1**	ug/m3	10.4	3.7	19		06/24/21 01:20	79-01-6	
Trichlorofluoromethane	ND	ug/m3	21.7	4.4	19		06/24/21 01:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	29.6	5.5	19		06/24/21 01:20	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	19.0	6.7	19		06/24/21 01:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	19.0	5.5	19		06/24/21 01:20	108-67-8	
Vinyl acetate	ND	ug/m3	13.6	4.0	19		06/24/21 01:20	108-05-4	
Vinyl chloride	ND	ug/m3	4.9	1.6	19		06/24/21 01:20	75-01-4	
m&p-Xylene	ND	ug/m3	33.6	12.2	19		06/24/21 01:20	179601-23-1	
o-Xylene	ND	ug/m3	16.8	5.1	19		06/24/21 01:20	95-47-6	

REPORT OF LABORATORY ANALYSIS

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Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-4 CERT#2844 **Lab ID: 10565641008** Collected: Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	ND	ug/m3	6.0	1.8	1		06/08/21 20:53	67-64-1	
Benzene	ND	ug/m3	0.32	0.11	1		06/08/21 20:53	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	0.89	1		06/08/21 20:53	100-44-7	
Bromodichloromethane	ND	ug/m3	1.4	0.24	1		06/08/21 20:53	75-27-4	
Bromoform	ND	ug/m3	5.2	1.6	1		06/08/21 20:53	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.15	1		06/08/21 20:53	74-83-9	
1,3-Butadiene	ND	ug/m3	0.45	0.12	1		06/08/21 20:53	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.46	1		06/08/21 20:53	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.13	1		06/08/21 20:53	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	0.28	1		06/08/21 20:53	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.16	1		06/08/21 20:53	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.22	1		06/08/21 20:53	75-00-3	
Chloroform	ND	ug/m3	0.50	0.18	1		06/08/21 20:53	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.085	1		06/08/21 20:53	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.22	1		06/08/21 20:53	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.52	1		06/08/21 20:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.78	0.30	1		06/08/21 20:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.1	0.40	1		06/08/21 20:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.1	0.51	1		06/08/21 20:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	0.88	1		06/08/21 20:53	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.19	1		06/08/21 20:53	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.82	0.16	1		06/08/21 20:53	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.82	0.19	1		06/08/21 20:53	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.81	0.14	1		06/08/21 20:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.81	0.20	1		06/08/21 20:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.81	0.17	1		06/08/21 20:53	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.94	0.27	1		06/08/21 20:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.3	0.26	1		06/08/21 20:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.3	0.54	1		06/08/21 20:53	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.20	1		06/08/21 20:53	76-14-2	
Ethanol	ND	ug/m3	1.9	0.59	1		06/08/21 20:53	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.13	1		06/08/21 20:53	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.31	1		06/08/21 20:53	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.47	1		06/08/21 20:53	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.18	1		06/08/21 20:53	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	1.2	1		06/08/21 20:53	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.19	1		06/08/21 20:53	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.44	1		06/08/21 20:53	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	0.59	1		06/08/21 20:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.32	1		06/08/21 20:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.13	1		06/08/21 20:53	1634-04-4	
Naphthalene	ND	ug/m3	5.3	2.2	1		06/08/21 20:53	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.51	1		06/08/21 20:53	67-63-0	
Propylene	ND	ug/m3	0.88	0.13	1		06/08/21 20:53	115-07-1	
Styrene	ND	ug/m3	0.87	0.38	1		06/08/21 20:53	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Sample: 23410-SGP-4 CERT#2844 **Lab ID: 10565641008** Collected: Received: 06/15/21 14:40 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.4	0.37	1		06/08/21 20:53	79-34-5	
Tetrachloroethene	ND	ug/m3	0.69	0.29	1		06/08/21 20:53	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.18	1		06/08/21 20:53	109-99-9	
Toluene	ND	ug/m3	0.77	0.24	1		06/08/21 20:53	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	15.1	4.9	1		06/08/21 20:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.1	0.19	1		06/08/21 20:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.56	0.20	1		06/08/21 20:53	79-00-5	
Trichloroethene	ND	ug/m3	0.55	0.20	1		06/08/21 20:53	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.23	1		06/08/21 20:53	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.29	1		06/08/21 20:53	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.35	1		06/08/21 20:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.29	1		06/08/21 20:53	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.21	1		06/08/21 20:53	108-05-4	
Vinyl chloride	ND	ug/m3	0.26	0.087	1		06/08/21 20:53	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.64	1		06/08/21 20:53	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.27	1		06/08/21 20:53	95-47-6	

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QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

QC Batch: 750883
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10565641001, 10565641003

METHOD BLANK: 4004702 Matrix: Air
Associated Lab Samples: 10565641001, 10565641003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	0.19	06/21/21 15:53	
1,1,2,2-Tetrachloroethane	ug/m3	ND	1.4	0.37	06/21/21 15:53	
1,1,2-Trichloroethane	ug/m3	ND	0.56	0.20	06/21/21 15:53	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	0.29	06/21/21 15:53	
1,1-Dichloroethane	ug/m3	ND	0.82	0.16	06/21/21 15:53	
1,1-Dichloroethene	ug/m3	ND	0.81	0.14	06/21/21 15:53	
1,2,4-Trichlorobenzene	ug/m3	ND	7.5	4.9	06/21/21 15:53	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	0.35	06/21/21 15:53	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.78	0.30	06/21/21 15:53	
1,2-Dichlorobenzene	ug/m3	ND	3.1	0.40	06/21/21 15:53	
1,2-Dichloroethane	ug/m3	ND	0.82	0.19	06/21/21 15:53	
1,2-Dichloropropane	ug/m3	ND	0.94	0.27	06/21/21 15:53	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	0.29	06/21/21 15:53	
1,3-Butadiene	ug/m3	ND	0.45	0.12	06/21/21 15:53	
1,3-Dichlorobenzene	ug/m3	ND	3.1	0.51	06/21/21 15:53	
1,4-Dichlorobenzene	ug/m3	ND	3.1	0.88	06/21/21 15:53	
2-Butanone (MEK)	ug/m3	ND	3.0	0.46	06/21/21 15:53	
2-Hexanone	ug/m3	ND	4.2	0.44	06/21/21 15:53	
2-Propanol	ug/m3	ND	2.5	0.51	06/21/21 15:53	
4-Ethyltoluene	ug/m3	ND	2.5	0.47	06/21/21 15:53	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	0.32	06/21/21 15:53	
Acetone	ug/m3	ND	6.0	1.8	06/21/21 15:53	
Benzene	ug/m3	ND	0.65	0.11	06/21/21 15:53	MN
Benzyl chloride	ug/m3	ND	2.6	0.89	06/21/21 15:53	
Bromodichloromethane	ug/m3	ND	1.4	0.24	06/21/21 15:53	
Bromoform	ug/m3	ND	5.2	1.6	06/21/21 15:53	
Bromomethane	ug/m3	ND	0.79	0.15	06/21/21 15:53	
Carbon disulfide	ug/m3	ND	0.63	0.13	06/21/21 15:53	
Carbon tetrachloride	ug/m3	ND	1.3	0.28	06/21/21 15:53	
Chlorobenzene	ug/m3	ND	0.94	0.16	06/21/21 15:53	
Chloroethane	ug/m3	ND	0.54	0.22	06/21/21 15:53	
Chloroform	ug/m3	ND	0.50	0.18	06/21/21 15:53	
Chloromethane	ug/m3	ND	0.42	0.085	06/21/21 15:53	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	0.20	06/21/21 15:53	
cis-1,3-Dichloropropene	ug/m3	ND	2.3	0.26	06/21/21 15:53	
Cyclohexane	ug/m3	ND	1.8	0.22	06/21/21 15:53	
Dibromochloromethane	ug/m3	ND	1.7	0.52	06/21/21 15:53	
Dichlorodifluoromethane	ug/m3	ND	1.0	0.19	06/21/21 15:53	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	0.20	06/21/21 15:53	
Ethanol	ug/m3	ND	1.9	0.59	06/21/21 15:53	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

METHOD BLANK: 4004702 Matrix: Air
Associated Lab Samples: 10565641001, 10565641003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethyl acetate	ug/m3	ND	0.73	0.13	06/21/21 15:53	
Ethylbenzene	ug/m3	ND	0.88	0.31	06/21/21 15:53	
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	1.2	06/21/21 15:53	
m&p-Xylene	ug/m3	ND	1.8	0.64	06/21/21 15:53	
Methyl-tert-butyl ether	ug/m3	ND	3.7	0.13	06/21/21 15:53	
Methylene Chloride	ug/m3	ND	3.5	0.59	06/21/21 15:53	
n-Heptane	ug/m3	ND	0.83	0.18	06/21/21 15:53	
n-Hexane	ug/m3	ND	0.72	0.19	06/21/21 15:53	
Naphthalene	ug/m3	ND	2.7	2.2	06/21/21 15:53	
o-Xylene	ug/m3	ND	0.88	0.27	06/21/21 15:53	
Propylene	ug/m3	ND	0.88	0.13	06/21/21 15:53	
Styrene	ug/m3	ND	0.87	0.38	06/21/21 15:53	
Tetrachloroethene	ug/m3	ND	0.69	0.29	06/21/21 15:53	
Tetrahydrofuran	ug/m3	ND	0.60	0.18	06/21/21 15:53	
Toluene	ug/m3	ND	0.77	0.24	06/21/21 15:53	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	0.17	06/21/21 15:53	
trans-1,3-Dichloropropene	ug/m3	ND	2.3	0.54	06/21/21 15:53	
Trichloroethene	ug/m3	ND	1.1	0.20	06/21/21 15:53	MN
Trichlorofluoromethane	ug/m3	ND	1.1	0.23	06/21/21 15:53	
Vinyl acetate	ug/m3	ND	0.72	0.21	06/21/21 15:53	
Vinyl chloride	ug/m3	ND	0.26	0.087	06/21/21 15:53	

LABORATORY CONTROL SAMPLE: 4004703

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	66.8	113	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	75.4	85.5	113	70-132	
1,1,2-Trichloroethane	ug/m3	59.6	63.0	106	70-134	
1,1,2-Trichlorotrifluoroethane	ug/m3	83.6	91.0	109	70-130	
1,1-Dichloroethane	ug/m3	43.9	47.1	107	70-133	
1,1-Dichloroethene	ug/m3	43.5	47.3	109	70-130	
1,2,4-Trichlorobenzene	ug/m3	177	198	112	69-132	
1,2,4-Trimethylbenzene	ug/m3	54	62.2	115	70-142	
1,2-Dibromoethane (EDB)	ug/m3	82.5	91.0	110	70-138	
1,2-Dichlorobenzene	ug/m3	66.2	88.0	133	70-146	CH
1,2-Dichloroethane	ug/m3	44.4	46.0	104	70-132	
1,2-Dichloropropane	ug/m3	50.6	53.9	107	70-134	
1,3,5-Trimethylbenzene	ug/m3	53.7	62.5	116	70-143	
1,3-Butadiene	ug/m3	24.2	26.5	110	70-136	
1,3-Dichlorobenzene	ug/m3	66.3	74.7	113	70-145	
1,4-Dichlorobenzene	ug/m3	66.3	73.9	111	70-140	
2-Butanone (MEK)	ug/m3	32.3	35.1	109	50-139	
2-Hexanone	ug/m3	44.8	50.3	112	70-148	
2-Propanol	ug/m3	149	174	117	67-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

LABORATORY CONTROL SAMPLE: 4004703

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	53.7	61.6	115	70-145	
4-Methyl-2-pentanone (MIBK)	ug/m3	44.9	48.9	109	70-139	
Acetone	ug/m3	128	141	110	64-130	
Benzene	ug/m3	34.8	33.5	96	70-131	
Benzyl chloride	ug/m3	57.6	75.5	131	70-130	CH,L3
Bromodichloromethane	ug/m3	73.1	82.7	113	70-133	
Bromoform	ug/m3	114	145	127	70-137	
Bromomethane	ug/m3	42.5	47.0	111	64-134	
Carbon disulfide	ug/m3	34.4	37.5	109	70-131	
Carbon tetrachloride	ug/m3	69.4	82.6	119	70-131	
Chlorobenzene	ug/m3	50.2	53.7	107	70-130	
Chloroethane	ug/m3	28.8	31.9	111	69-141	
Chloroform	ug/m3	52.4	59.5	114	70-130	
Chloromethane	ug/m3	22.6	24.5	108	70-130	
cis-1,2-Dichloroethene	ug/m3	43.4	45.9	106	70-137	
cis-1,3-Dichloropropene	ug/m3	49.4	55.7	113	70-144	
Cyclohexane	ug/m3	37.4	36.6	98	70-137	
Dibromochloromethane	ug/m3	93.2	105	112	70-132	
Dichlorodifluoromethane	ug/m3	54.6	67.6	124	70-130	
Dichlorotetrafluoroethane	ug/m3	71.2	79.0	111	70-130	
Ethanol	ug/m3	124	132	106	63-133	
Ethyl acetate	ug/m3	38.9	41.9	108	70-136	
Ethylbenzene	ug/m3	47.8	51.6	108	70-142	
Hexachloro-1,3-butadiene	ug/m3	133	154	116	70-135	
m&p-Xylene	ug/m3	95.4	108	114	70-141	
Methyl-tert-butyl ether	ug/m3	39.6	46.2	117	70-143	
Methylene Chloride	ug/m3	190	178	94	70-130	
n-Heptane	ug/m3	44.6	43.9	98	70-137	
n-Hexane	ug/m3	38	39.3	103	70-135	
Naphthalene	ug/m3	65.2	73.5	113	67-132	
o-Xylene	ug/m3	47.6	52.3	110	70-141	
Propylene	ug/m3	18.9	20.3	107	70-130	
Styrene	ug/m3	47	53.1	113	70-142	
Tetrachloroethene	ug/m3	73.4	86.6	118	70-130	
Tetrahydrofuran	ug/m3	32.1	33.8	106	70-136	
Toluene	ug/m3	41.6	44.4	107	70-138	
trans-1,2-Dichloroethene	ug/m3	43.6	46.7	107	70-130	
trans-1,3-Dichloropropene	ug/m3	50.5	59.8	118	70-145	
Trichloroethene	ug/m3	58.4	61.2	105	70-130	
Trichlorofluoromethane	ug/m3	62	68.4	110	69-135	
Vinyl acetate	ug/m3	46.4	50.9	110	70-146	
Vinyl chloride	ug/m3	28	32.2	115	70-137	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

SAMPLE DUPLICATE: 4005886

Parameter	Units	10565646001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.52J	.51J		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.74	ND		25	
1,1,2-Trichloroethane	ug/m3	<0.39	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	3.1	3.3	7	25	
1,1-Dichloroethane	ug/m3	<0.33	ND		25	
1,1-Dichloroethene	ug/m3	<0.27	ND		25	
1,2,4-Trichlorobenzene	ug/m3	<9.7	ND		25	
1,2,4-Trimethylbenzene	ug/m3	10.3	10.4	1	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.59	ND		25	
1,2-Dichlorobenzene	ug/m3	<0.80	ND		25	
1,2-Dichloroethane	ug/m3	<0.38	ND		25	
1,2-Dichloropropane	ug/m3	<0.53	ND		25	
1,3,5-Trimethylbenzene	ug/m3	3.0	3.4	12	25	
1,3-Butadiene	ug/m3	<0.24	ND		25	
1,3-Dichlorobenzene	ug/m3	8.2	8.2	0	25	
1,4-Dichlorobenzene	ug/m3	2.3J	2.2J		25	
2-Butanone (MEK)	ug/m3	16.2	16.8	4	25	
2-Hexanone	ug/m3	2.2J	2.5J		25	
2-Propanol	ug/m3	19.6	17.1	13	25	
4-Ethyltoluene	ug/m3	3.5J	3.6J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	2.9J	3.1J		25	
Acetone	ug/m3	151	154	2	25	
Benzene	ug/m3	1.4	1.4	1	25	
Benzyl chloride	ug/m3	<1.8	ND		25	
Bromodichloromethane	ug/m3	1.3J	1.3J		25	
Bromoform	ug/m3	<3.2	ND		25	
Bromomethane	ug/m3	<0.30	ND		25	
Carbon disulfide	ug/m3	3.3	3.5	4	25	
Carbon tetrachloride	ug/m3	<0.55	ND		25	
Chlorobenzene	ug/m3	0.49J	.48J		25	
Chloroethane	ug/m3	<0.44	ND		25	
Chloroform	ug/m3	4.7	4.5	3	25	
Chloromethane	ug/m3	<0.17	ND		25	
cis-1,2-Dichloroethene	ug/m3	<0.39	ND		25	
cis-1,3-Dichloropropene	ug/m3	<0.50	ND		25	
Cyclohexane	ug/m3	12.1	12.3	2	25	
Dibromochloromethane	ug/m3	<1.0	ND		25	
Dichlorodifluoromethane	ug/m3	6.7	6.3	7	25	
Dichlorotetrafluoroethane	ug/m3	<0.40	ND		25	
Ethanol	ug/m3	93.7	72.0	26	25	R1
Ethyl acetate	ug/m3	<0.26	ND		25	
Ethylbenzene	ug/m3	1.4J	1.5J		25	
Hexachloro-1,3-butadiene	ug/m3	<2.4	ND		25	
m&p-Xylene	ug/m3	4.9	5.0	2	25	
Methyl-tert-butyl ether	ug/m3	<0.25	ND		25	
Methylene Chloride	ug/m3	<1.2	ND		25	
n-Heptane	ug/m3	<0.36	ND		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

SAMPLE DUPLICATE: 4005886

Parameter	Units	10565646001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	5.2	5.7	9	25	
Naphthalene	ug/m3	5.0J	4.8J		25	
o-Xylene	ug/m3	4.0	4.1	2	25	
Propylene	ug/m3	<0.26	ND		25	
Styrene	ug/m3	1.4J	1.5J		25	
Tetrachloroethene	ug/m3	36.2	37.5	3	25	
Tetrahydrofuran	ug/m3	54.6	56.3	3	25	
Toluene	ug/m3	3.9	4.1	4	25	
trans-1,2-Dichloroethene	ug/m3	<0.33	ND		25	
trans-1,3-Dichloropropene	ug/m3	<1.1	ND		25	
Trichloroethene	ug/m3	1.4J	1.5J		25	
Trichlorofluoromethane	ug/m3	11.8	13.2	11	25	
Vinyl acetate	ug/m3	<0.41	ND		25	
Vinyl chloride	ug/m3	<0.17	ND		25	

SAMPLE DUPLICATE: 4005887

Parameter	Units	10565646002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	1.8J	1.7J		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.72	ND		25	
1,1,2-Trichloroethane	ug/m3	<0.38	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	1.4J	1.3J		25	
1,1-Dichloroethane	ug/m3	<0.32	ND		25	
1,1-Dichloroethene	ug/m3	<0.27	ND		25	
1,2,4-Trichlorobenzene	ug/m3	<9.5	ND		25	
1,2,4-Trimethylbenzene	ug/m3	10.3	9.5	8	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.58	ND		25	
1,2-Dichlorobenzene	ug/m3	<0.79	ND		25	
1,2-Dichloroethane	ug/m3	<0.38	ND		25	
1,2-Dichloropropane	ug/m3	<0.52	ND		25	
1,3,5-Trimethylbenzene	ug/m3	3.0	2.8	6	25	
1,3-Butadiene	ug/m3	<0.23	ND		25	
1,3-Dichlorobenzene	ug/m3	6.2	5.8J		25	
1,4-Dichlorobenzene	ug/m3	<1.7	2.2J		25	
2-Butanone (MEK)	ug/m3	20.3	19.1	6	25	
2-Hexanone	ug/m3	9.6	8.7	10	25	
2-Propanol	ug/m3	14.0	10.9	25	25	
4-Ethyltoluene	ug/m3	3.2J	2.9J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	2.5J	2.2J		25	
Acetone	ug/m3	98.6	89.1	10	25	
Benzene	ug/m3	0.87J	.8J		25	
Benzyl chloride	ug/m3	<1.7	ND		25	
Bromodichloromethane	ug/m3	<0.46	ND		25	
Bromoform	ug/m3	<3.1	ND		25	
Bromomethane	ug/m3	0.40J	ND		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

SAMPLE DUPLICATE: 4005887

Parameter	Units	10565646002 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	1.3	1.3	2	25	
Carbon tetrachloride	ug/m3	0.54J	.61J		25	
Chlorobenzene	ug/m3	0.62J	.56J		25	
Chloroethane	ug/m3	<0.43	ND		25	
Chloroform	ug/m3	5.6	5.3	6	25	
Chloromethane	ug/m3	<0.17	ND		25	
cis-1,2-Dichloroethene	ug/m3	<0.38	ND		25	
cis-1,3-Dichloropropene	ug/m3	<0.49	ND		25	
Cyclohexane	ug/m3	21.5	20.3	6	25	
Dibromochloromethane	ug/m3	<1.0	ND		25	
Dichlorodifluoromethane	ug/m3	4.3	ND		25	
Dichlorotetrafluoroethane	ug/m3	<0.39	ND		25	
Ethanol	ug/m3	84.3	64.4	27	25	R1
Ethyl acetate	ug/m3	<0.25	ND		25	
Ethylbenzene	ug/m3	1.1J	1.1J		25	
Hexachloro-1,3-butadiene	ug/m3	<2.4	ND		25	
m&p-Xylene	ug/m3	4.6	4.3	7	25	
Methyl-tert-butyl ether	ug/m3	<0.24	ND		25	
Methylene Chloride	ug/m3	<1.2	ND		25	
n-Heptane	ug/m3	<0.35	ND		25	
n-Hexane	ug/m3	3.5	3.9	10	25	
Naphthalene	ug/m3	5.7	6.0	4	25	
o-Xylene	ug/m3	3.1	2.8	10	25	
Propylene	ug/m3	<0.25	ND		25	
Styrene	ug/m3	1.4J	1.3J		25	
Tetrachloroethene	ug/m3	327	296	10	25	
Tetrahydrofuran	ug/m3	72.8	68.5	6	25	
Toluene	ug/m3	2.7	2.6	5	25	
trans-1,2-Dichloroethene	ug/m3	<0.33	ND		25	
trans-1,3-Dichloropropene	ug/m3	<1.1	ND		25	
Trichloroethene	ug/m3	2.2	ND		25	
Trichlorofluoromethane	ug/m3	4.8	4.9	1	25	
Vinyl acetate	ug/m3	<0.40	ND		25	
Vinyl chloride	ug/m3	<0.17	ND		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

QC Batch: 751558
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10565641005, 10565641007

METHOD BLANK: 4009712 Matrix: Air
Associated Lab Samples: 10565641005, 10565641007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.56	0.093	06/23/21 09:46	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	0.19	06/23/21 09:46	
1,1,2-Trichloroethane	ug/m3	ND	0.28	0.098	06/23/21 09:46	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.78	0.14	06/23/21 09:46	
1,1-Dichloroethane	ug/m3	ND	0.41	0.082	06/23/21 09:46	
1,1-Dichloroethene	ug/m3	ND	0.40	0.069	06/23/21 09:46	
1,2,4-Trichlorobenzene	ug/m3	ND	3.8	2.4	06/23/21 09:46	
1,2,4-Trimethylbenzene	ug/m3	ND	0.50	0.18	06/23/21 09:46	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.39	0.15	06/23/21 09:46	
1,2-Dichlorobenzene	ug/m3	ND	1.5	0.20	06/23/21 09:46	
1,2-Dichloroethane	ug/m3	ND	0.41	0.097	06/23/21 09:46	
1,2-Dichloropropane	ug/m3	ND	0.47	0.13	06/23/21 09:46	
1,3,5-Trimethylbenzene	ug/m3	ND	0.50	0.14	06/23/21 09:46	
1,3-Butadiene	ug/m3	ND	0.22	0.060	06/23/21 09:46	
1,3-Dichlorobenzene	ug/m3	ND	1.5	0.25	06/23/21 09:46	
1,4-Dichlorobenzene	ug/m3	ND	1.5	0.44	06/23/21 09:46	
2-Butanone (MEK)	ug/m3	ND	1.5	0.23	06/23/21 09:46	
2-Hexanone	ug/m3	ND	2.1	0.22	06/23/21 09:46	
2-Propanol	ug/m3	ND	1.2	0.25	06/23/21 09:46	
4-Ethyltoluene	ug/m3	ND	1.2	0.24	06/23/21 09:46	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	2.1	0.16	06/23/21 09:46	
Acetone	ug/m3	ND	3.0	0.90	06/23/21 09:46	
Benzene	ug/m3	ND	0.16	0.057	06/23/21 09:46	
Benzyl chloride	ug/m3	ND	1.3	0.44	06/23/21 09:46	
Bromodichloromethane	ug/m3	ND	0.68	0.12	06/23/21 09:46	
Bromoform	ug/m3	ND	2.6	0.81	06/23/21 09:46	
Bromomethane	ug/m3	ND	0.39	0.075	06/23/21 09:46	
Carbon disulfide	ug/m3	ND	0.32	0.064	06/23/21 09:46	
Carbon tetrachloride	ug/m3	ND	0.64	0.14	06/23/21 09:46	
Chlorobenzene	ug/m3	ND	0.47	0.078	06/23/21 09:46	
Chloroethane	ug/m3	ND	0.27	0.11	06/23/21 09:46	
Chloroform	ug/m3	ND	0.25	0.092	06/23/21 09:46	
Chloromethane	ug/m3	ND	0.21	0.043	06/23/21 09:46	
cis-1,2-Dichloroethene	ug/m3	ND	0.40	0.098	06/23/21 09:46	
cis-1,3-Dichloropropene	ug/m3	ND	1.2	0.13	06/23/21 09:46	
Cyclohexane	ug/m3	ND	0.88	0.11	06/23/21 09:46	
Dibromochloromethane	ug/m3	ND	0.86	0.26	06/23/21 09:46	
Dichlorodifluoromethane	ug/m3	ND	0.50	0.094	06/23/21 09:46	
Dichlorotetrafluoroethane	ug/m3	ND	0.71	0.10	06/23/21 09:46	
Ethanol	ug/m3	ND	0.96	0.30	06/23/21 09:46	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

METHOD BLANK: 4009712 Matrix: Air
Associated Lab Samples: 10565641005, 10565641007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethyl acetate	ug/m3	ND	0.37	0.066	06/23/21 09:46	
Ethylbenzene	ug/m3	ND	0.44	0.15	06/23/21 09:46	
Hexachloro-1,3-butadiene	ug/m3	ND	2.7	0.62	06/23/21 09:46	
m&p-Xylene	ug/m3	ND	0.88	0.32	06/23/21 09:46	
Methyl-tert-butyl ether	ug/m3	ND	1.8	0.063	06/23/21 09:46	
Methylene Chloride	ug/m3	ND	1.8	0.30	06/23/21 09:46	
n-Heptane	ug/m3	ND	0.42	0.090	06/23/21 09:46	
n-Hexane	ug/m3	ND	0.36	0.096	06/23/21 09:46	
Naphthalene	ug/m3	ND	1.3	1.1	06/23/21 09:46	
o-Xylene	ug/m3	ND	0.44	0.14	06/23/21 09:46	
Propylene	ug/m3	ND	0.44	0.065	06/23/21 09:46	
Styrene	ug/m3	ND	0.43	0.19	06/23/21 09:46	
Tetrachloroethene	ug/m3	ND	0.34	0.15	06/23/21 09:46	
Tetrahydrofuran	ug/m3	ND	0.30	0.090	06/23/21 09:46	
Toluene	ug/m3	ND	0.38	0.12	06/23/21 09:46	
trans-1,2-Dichloroethene	ug/m3	ND	0.40	0.084	06/23/21 09:46	
trans-1,3-Dichloropropene	ug/m3	ND	1.2	0.27	06/23/21 09:46	
Trichloroethene	ug/m3	ND	0.27	0.098	06/23/21 09:46	
Trichlorofluoromethane	ug/m3	ND	0.57	0.12	06/23/21 09:46	
Vinyl acetate	ug/m3	ND	0.36	0.10	06/23/21 09:46	
Vinyl chloride	ug/m3	ND	0.13	0.043	06/23/21 09:46	

LABORATORY CONTROL SAMPLE: 4009713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	62.3	105	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	75.4	76.5	101	70-132	
1,1,2-Trichloroethane	ug/m3	59.6	50.6	85	70-134	
1,1,2-Trichlorotrifluoroethane	ug/m3	83.6	83.1	99	70-130	
1,1-Dichloroethane	ug/m3	43.9	43.3	99	70-133	
1,1-Dichloroethene	ug/m3	43.5	43.4	100	70-130	
1,2,4-Trichlorobenzene	ug/m3	177	172	97	69-132	
1,2,4-Trimethylbenzene	ug/m3	54	55.8	103	70-142	
1,2-Dibromoethane (EDB)	ug/m3	82.5	84.6	103	70-138	
1,2-Dichlorobenzene	ug/m3	66.2	67.0	101	70-146	
1,2-Dichloroethane	ug/m3	44.4	45.1	101	70-132	
1,2-Dichloropropane	ug/m3	50.6	53.9	106	70-134	
1,3,5-Trimethylbenzene	ug/m3	53.7	54.0	101	70-143	
1,3-Butadiene	ug/m3	24.2	24.6	102	70-136	
1,3-Dichlorobenzene	ug/m3	66.3	68.2	103	70-145	
1,4-Dichlorobenzene	ug/m3	66.3	66.1	100	70-140	
2-Butanone (MEK)	ug/m3	32.3	30.0	93	50-139	
2-Hexanone	ug/m3	44.8	47.9	107	70-148	
2-Propanol	ug/m3	149	150	101	67-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

LABORATORY CONTROL SAMPLE: 4009713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	53.7	54.3	101	70-145	
4-Methyl-2-pentanone (MIBK)	ug/m3	44.9	46.1	103	70-139	
Acetone	ug/m3	128	139	108	64-130	
Benzene	ug/m3	34.8	34.2	98	70-131	
Benzyl chloride	ug/m3	57.6	56.8	99	70-130	
Bromodichloromethane	ug/m3	73.1	96.0	131	70-133	CH
Bromoform	ug/m3	114	116	102	70-137	
Bromomethane	ug/m3	42.5	43.2	102	64-134	
Carbon disulfide	ug/m3	34.4	34.0	99	70-131	
Carbon tetrachloride	ug/m3	69.4	77.0	111	70-131	
Chlorobenzene	ug/m3	50.2	51.5	103	70-130	
Chloroethane	ug/m3	28.8	32.0	111	69-141	
Chloroform	ug/m3	52.4	52.9	101	70-130	
Chloromethane	ug/m3	22.6	22.7	101	70-130	
cis-1,2-Dichloroethene	ug/m3	43.4	45.5	105	70-137	
cis-1,3-Dichloropropene	ug/m3	49.4	51.4	104	70-144	
Cyclohexane	ug/m3	37.4	38.4	103	70-137	
Dibromochloromethane	ug/m3	93.2	94.1	101	70-132	
Dichlorodifluoromethane	ug/m3	54.6	51.6	94	70-130	
Dichlorotetrafluoroethane	ug/m3	71.2	71.6	101	70-130	
Ethanol	ug/m3	124	119	96	63-133	
Ethyl acetate	ug/m3	38.9	39.3	101	70-136	
Ethylbenzene	ug/m3	47.8	48.5	101	70-142	
Hexachloro-1,3-butadiene	ug/m3	133	138	104	70-135	
m&p-Xylene	ug/m3	95.4	96.1	101	70-141	
Methyl-tert-butyl ether	ug/m3	39.6	41.4	105	70-143	
Methylene Chloride	ug/m3	190	186	98	70-130	
n-Heptane	ug/m3	44.6	60.0	134	70-137	CH
n-Hexane	ug/m3	38	37.2	98	70-135	
Naphthalene	ug/m3	65.2	63.4	97	67-132	
o-Xylene	ug/m3	47.6	48.2	101	70-141	
Propylene	ug/m3	18.9	16.6	88	70-130	
Styrene	ug/m3	47	47.8	102	70-142	
Tetrachloroethene	ug/m3	73.4	71.8	98	70-130	
Tetrahydrofuran	ug/m3	32.1	32.7	102	70-136	
Toluene	ug/m3	41.6	42.1	101	70-138	
trans-1,2-Dichloroethene	ug/m3	43.6	44.2	101	70-130	
trans-1,3-Dichloropropene	ug/m3	50.5	52.0	103	70-145	
Trichloroethene	ug/m3	58.4	57.5	98	70-130	
Trichlorofluoromethane	ug/m3	62	63.8	103	69-135	
Vinyl acetate	ug/m3	46.4	46.9	101	70-146	
Vinyl chloride	ug/m3	28	28.6	102	70-137	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

SAMPLE DUPLICATE: 4009768

Parameter	Units	10566039001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	.72J		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	ND		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	6.4	7.4	15	25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	1.9J		25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	22.1	26.0	16	25	
Benzene	ug/m3	1.8	2.2	17	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	1.5	1.8	17	25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	ND		25	
Chloromethane	ug/m3	1.3	1.6	24	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	ND		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	3.2	3.8	20	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	174	207	17	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	ND		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	ND		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	ND		25	
n-Heptane	ug/m3	ND	ND		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

SAMPLE DUPLICATE: 4009768

Parameter	Units	10566039001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	ND	.85J		25	
Naphthalene	ug/m3	ND	ND		25	
o-Xylene	ug/m3	ND	ND		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	ND	ND		25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	1.2	1.4	19	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	ND	1.6J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

SAMPLE DUPLICATE: 4009769

Parameter	Units	10566039003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	.59J		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	1.3J		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	.71J		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	22.7	22.9	1	25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	4J		25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	94.4	94.4	0	25	
Benzene	ug/m3	ND	.41J		25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

SAMPLE DUPLICATE: 4009769

Parameter	Units	10566039003 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	ND	.48J		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	ND	ND		25	
Chloromethane	ug/m3	ND	ND		25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	3.2		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	3.0	3.0	1	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	16.7	17.7	5	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	ND	.57J		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	2J		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	ND		25	
n-Heptane	ug/m3	ND	ND		25	
n-Hexane	ug/m3	9.1	9.6	4	25	
Naphthalene	ug/m3	ND	ND		25	
o-Xylene	ug/m3	ND	.72J		25	
Propylene	ug/m3	8.3	8.5	2	25	
Styrene	ug/m3	ND	1.2J		25	
Tetrachloroethene	ug/m3	ND	ND		25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	2.4	2.5	4	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Trichlorofluoromethane	ug/m3	ND	1.4J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10565641001
[1] The Total Hydrocarbon (THC) pattern occured in the first half of the chromatogram (before toluene).

Sample: 10565641003
[1] The Total Hydrocarbon (THC) pattern is evenly distributed throughout the chromatogram (before and after toluene).

Sample: 10565641005
[1] The Total Hydrocarbon (THC) pattern occured in the second half of the chromatogram (after toluene).

Sample: 10565641007
[1] The Total Hydrocarbon (THC) pattern occured in the second half of the chromatogram (after toluene).

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 41187193 TaskS Bober Pharmacy
Pace Project No.: 10565641

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10565641001	**23410-SGP-1**	TO-15	750883		
10565641003	**23410-SGP-2**	TO-15	750883		
10565641005	**23410-SGP-3**	TO-15	751558		
10565641007	**23410-SGP-4**	TO-15	751558		
10565641002	**23410-SGP-1 CERT#2079**	TO-15	752143		
10565641004	**23410-SGP-2 CERT#1012**	TO-15	752143		
10565641006	**23410-SGP-3 CERT#2527**	TO-15	752143		
10565641008	**23410-SGP-4 CERT#2844**	TO-15	752143		

MINNESOTA POLLUTION CONTROL AGENCY

MPCA Chain-of-Custody Form

revision 2017.0525

* indicates a required field

Work Order Number: 3000028319 **COC Type:** STANDARD **Page:** 1 of 1

Turnaround Time: STANDARD **COC ID:** ~~YEARMMDDTIME~~ 202106151400

FOR LAB USE ONLY

PROJECT/CLIENT INFO

Facility Code:* SA0000292 Program Code (MDH Lab Only):

Project Name:* Bober Pharmacy (VP23410) 41187193D Task S Project Task Code:* PRJ08103

Project Manager:* Melissa Meeuwsen-MPCA Justin Enwall - Terracon

Potential Hazard? If yes, add information to **Sampler Comments** Section

LABORATORY

Lab Name: Pace Analytical Services, LLC.

Address: 1700 Elm Street SE, Suite 200

Minneapolis, MN 55414

EPA Lab ID:* MN00064

Lab Work Order Sticker

SAMPLE DETAILS

SAMPLE TYPES
Sample=Routine Sample
QC-FB=Field Blank Sample
QC-FR=Field Replicate Sample
QC-TB=Trip Blank Sample
QC-EB=Equipment Blank
Treated-Mid=Treatment system sample
Treated-Post=Treatment system sample

SAMPLING METHODS
G=Grab sample
CT=Composite, time-paced w/AS
CF=Composite w/AS
D-T=Discrete,time-paced w/AS
D-F=Discrete,flow-paced w/AS
SW-GAS=Gas Sampling
Unknown=Unknown

LAB MATRICES
DW=Drinking Water
NW=Nonpotable Water
SD=Soil/Solid
AR=Air
BL=Biological Material
OT=Other
TS=Tissue

FIELD MATRICES
Wtr-Ground=Groundwater
Wtr-Surf=Surface Water
Wtr-Drink=Drinking Water
QC-BLANK=Artificial Blank Water
Leachate=Leachate Sample
Air-Indoor=Indoor Air
Gas-Soil=Soil Gas

ANALYSIS REQUESTED

PRESERV.: N
Filt.: N

MN Location Identifier*	Field Name	Sample Type*	Start Date* (mm/dd/yyyy)	Start Time* 24 hr (hh:mm)	Depth Start	Depth End	Depth Units (m or ft.)	Sampling Method	End Date (mm/dd/yyyy)	End Time 24 hr (hh:mm)	Lab Matrix*	Field Matrix*	AIS	Sampler Comments (filter volume, special handling, etc.)	# of Cont	ANALYSIS	TO-15	Certified Analysis		Canister #	Flow Controller #		Lab Sample No.	#
2001008638	23410-SGP-1	Sample	6/15/21	1011	5.5	6	FT	D-~~F~~	6/15/21	1017	AR	Gas-Soil	N	29 Start"Hg/End"Hg 3	1		X	X		2079	1579		001002	1
2001008639	23410-SGP-2	Sample	6/15/21	1053	5.5	6	FT	D-~~F~~	6/15/21	1100	AR	Gas-Soil	N	29 Start"Hg/End"Hg 3	1		X	X		1012	1401		003004	2
2001008640	23410-SGP-3	Sample	6/15/21	1155	5.5	6	FT	D-~~F~~	6/15/21	1202	AR	Gas-Soil	N	29 Start"Hg/End"Hg 3	1		X	X		2527	1642		005006	3
2001008641	23410-SGP-4	Sample	6/15/21	1247	5.5	6	FT	D-~~F~~	6/15/21	1254	AR	Gas-Soil	N	29 Start"Hg/End"Hg 3	1		X	X		2844	1142		007008	4
																								5
																								6
																								7
																								8
																								9
																								10

Complete ONLY if Method is CT, CF, D-T, or D-F

Sampler's Name:* Reggie Carlson **Phone #:*** 651-770-1500

Sampler's Signature:* Reg Carlson

Sampler's Organization:* Terracon Consultants, Inc.

Billing Organization: Terracon Consultants, Inc. **Acct:*** MPCA PO 3000028319

Address: 955 Wells Street Suite 100, St Paul, MN 55106

Courier Name: Pace Analytical Services, LLC. **Tracking #:** NA

Receiving Comments: ~~Samples scaled in box and shipped via Pace courier.~~ Samples dropped off @ Pace by Terracon

Relinquished By/Affiliation	Date/Time	Accepted By/Affiliation	Date/Time
(Sampler) Reggie Carlson / Terracon	6/15/21 1440	Matt Fs / Pace	6-15-21 14:40

WO# : 10565641

10565641

Pace Analytical®	Document Name: **Sample Condition Upon Receipt (SCUR) - Air**	Document Revised: 24Mar2020 **Page 1 of 1**
	Document No.: **ENV-FRM-MIN4-0113 R**	Pace Analytical Services -

WO#: 10565641
PM: AA1 Due Date: 06/29/21
CLIENT: TERRACON-WBL

Air Sample Condition Upon Receipt **Client Name:** Terracon **Project #:**

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Pace ☐ SpeeDee ☐ Commercial **See Exception** ☐

Tracking Number: _____

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Tin Can ☐ Other: _____ **Temp Blank rec:** ☐ Yes ☒ No

Temp. (TO17 and TO13 samples only) (°C): _____ **Corrected Temp (°C):** _____ **Thermometer Used:** ☐ G87A9170600254 ☐ G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** _____ **Date & Initials of Person Examining Contents:** 6-16-21 MZ

Type of ice Received ☐ Blue ☐ Wet ☒ None

			Comments:
Chain of Custody Present?	☒ Yes	☐ No	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No ☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	7.
Sufficient Volume?	☒ Yes	☐ No	8.
Correct Containers Used? **(Tedlar bags not acceptable container for TO-14, TO-15 or APH)** -Pace Containers Used?	☒ Yes ☒ Yes	☐ No ☐ No	9.
Containers Intact? **(visual inspection/no leaks when pressurized)**	☒ Yes	☐ No	10.
Media: Air Can Airbag Filter TDT Passive			11. Individually Certified Cans Y N (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒ Yes	☐ No	12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☐ Yes	☐ No	13.

Gauge # ☐ 10AIR26 ☒ 10AIR34 ☐ 10AIR35 ☐ 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SGP-1	2079	1579	-2.5	+10					
11-2	1012	1901	-2.5	↓					
11-3	2527	1642	-3.5						
11-4	2844	1142	-3.5						

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Matt Ray **Date:** 06/16/21

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Data File: \\192.168.10.12\chem\10airH.i\062121.b\17214.D
Report Date: 22-Jun-2021 13:12

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10airH.i\062121.b\17214.D
Lab Smp Id: 10565641001
Inj Date : 21-JUN-2021 19:37
Operator : AFV Inst ID: 10airH.i
Smp Info :
Misc Info : 39664
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10airH.i\062121.b\TO15_166-21.m
Meth Date : 22-Jun-2021 12:28 avandenbro Quant Type: ISTD
Cal Date : 15-JUN-2021 09:54 Cal File: 16608.D
Als bottle: 14
Dil Factor: 1.83000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 10MNAIRWKS11

Concentration Formula: Amt * DF * Uf * CpndVariable

Name	Value	Description
DF	1.830	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 45 1,4-Difluorobenzene	5.450	1598627	10.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
1,3-Pentadiene, (Z)-					CAS #: 1574-41-0		
3.633	866585	5.42080793	9.92	94	NIST05.L	436	45
1,3-Cyclopentadiene					CAS #: 542-92-7		
3.865	1932250	12.0869253	22.1	93	NIST05.L	362	45
1-Pentene, 2-methyl-					CAS #: 763-29-1		
4.267	805727	5.04011428	9.22	93	NIST05.L	1461	45
1-Butanol					CAS #: 71-36-3		
5.116	821482	5.13867215	9.40	87	NIST05.L	816	45
Pentane, 2,3,3-trimethyl-					CAS #: 560-21-4		
6.730	1011429	6.32685601	11.6	90	NIST05.L	7454	45

Data File: \\192.168.10.12\chem\10airH.i\062121.b\17214.D
Report Date: 22-Jun-2021 13:12

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Client SDG: 062121.b
Lab Smp Id: 10565641001
Operator : AFV
Sample Date:
Sample Location:
Sample Point:
Sample Matrix: AIR
Date Received:
Analysis Type: VOA
Level: LOW
Inj Date: 21-JUN-2021 19:37

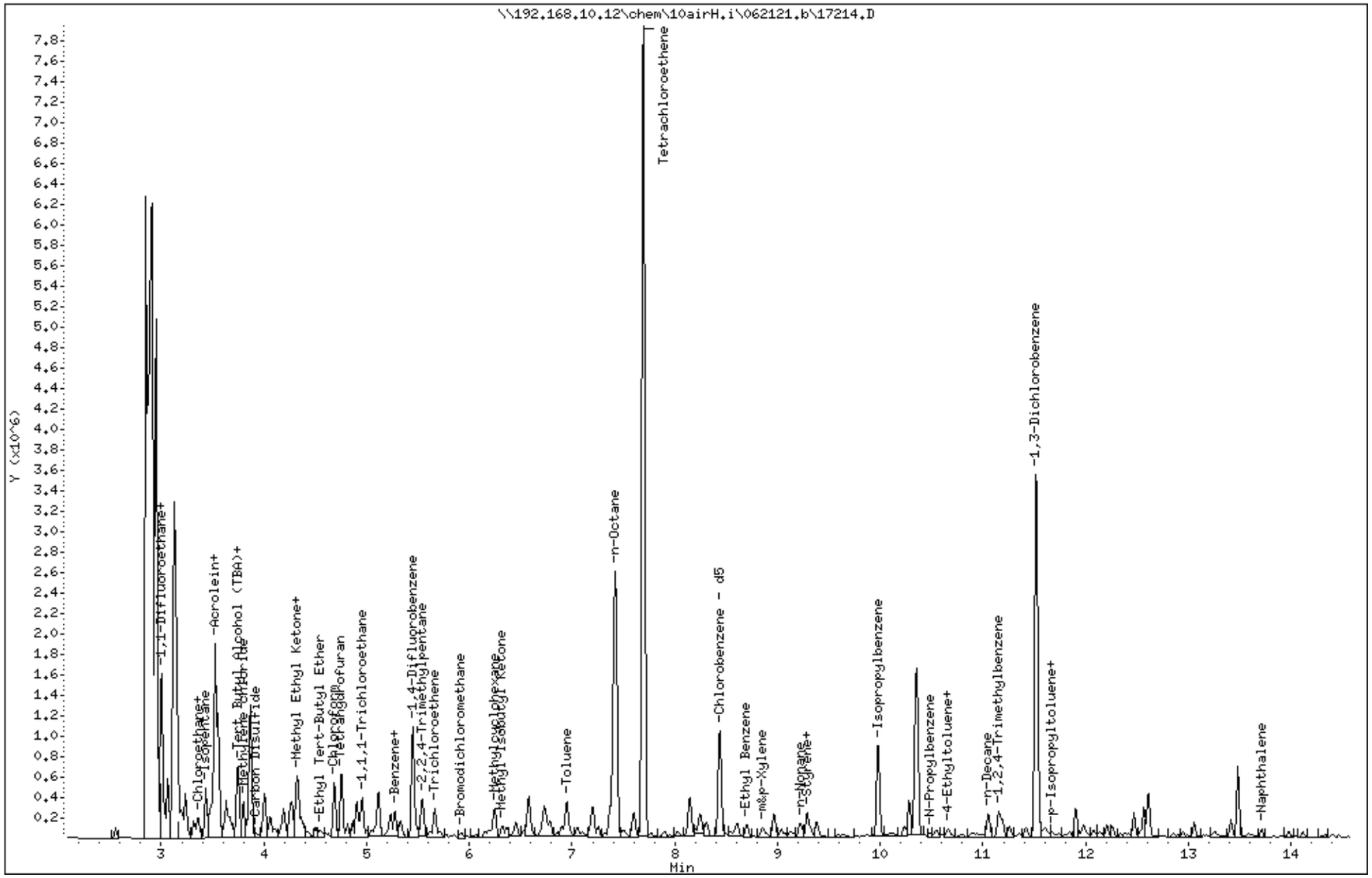
Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/KG) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1574-41-0	1,3-Pentadiene, (Z)-	3.633	9.92	NJ__
2.	542-92-7	1,3-Cyclopentadiene	3.865	22.1	NJ__
3.	763-29-1	1-Pentene, 2-methyl-	4.267	9.22	NJ__
4.	71-36-3	1-Butanol	5.116	9.40	NJ__
5.	560-21-4	Pentane, 2,3,3-trimethyl-	6.730	11.6	NJ__

Data File: \\192.168.10.12\chem\10airH.i\062121.b\17214.D
Date : 21-JUN-2021 19:37
Client ID:
Sample Info:

Instrument: 10airH.i
Operator: AFV
Column phase: ZB-5MSplus SN338857
Column diameter: 0.32



Data File: \\192.168.10.12\chem\10airH.i\062121.b\17215.D
Report Date: 22-Jun-2021 13:12

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10airH.i\062121.b\17215.D
Lab Smp Id: 10565641003
Inj Date : 21-JUN-2021 20:04
Operator : AFV Inst ID: 10airH.i
Smp Info :
Misc Info : 39664
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10airH.i\062121.b\TO15_166-21.m
Meth Date : 22-Jun-2021 12:28 avandenbro Quant Type: ISTD
Cal Date : 15-JUN-2021 09:54 Cal File: 16608.D
Als bottle: 15
Dil Factor: 1.83000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 10MNAIRWKS11

Concentration Formula: Amt * DF * Uf * CpndVariable

Name	Value	Description
DF	1.830	Dilution Factor
Uf	1.000	ng unit correction factor
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 64 Chlorobenzene - d5	8.437	1651245	10.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
10.350	1411931	8.55069969	15.6	0		0	64(L)
Nonanal				CAS #: 124-19-6			
12.566	1271660	7.70121863	14.1	90	NIST05.L	19202	64
Dodecane				CAS #: 112-40-3			
13.485	1075815	6.51517465	11.9	95	NIST05.L	36430	64

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\192.168.10.12\chem\10airH.i\062121.b\17215.D
Report Date: 22-Jun-2021 13:12

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Client SDG: 062121.b
Lab Smp Id: 10565641003
Operator : AFV
Sample Date:
Sample Location:
Sample Point:
Sample Matrix: AIR
Date Received:
Analysis Type: VOA
Level: LOW
Inj Date: 21-JUN-2021 20:04

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/KG) ppbv

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Unknown	10.350	15.6	_J__
2.	124-19-6	Nonanal	12.566	14.1	NJ__
3.	112-40-3	Dodecane	13.485	11.9	NJ__

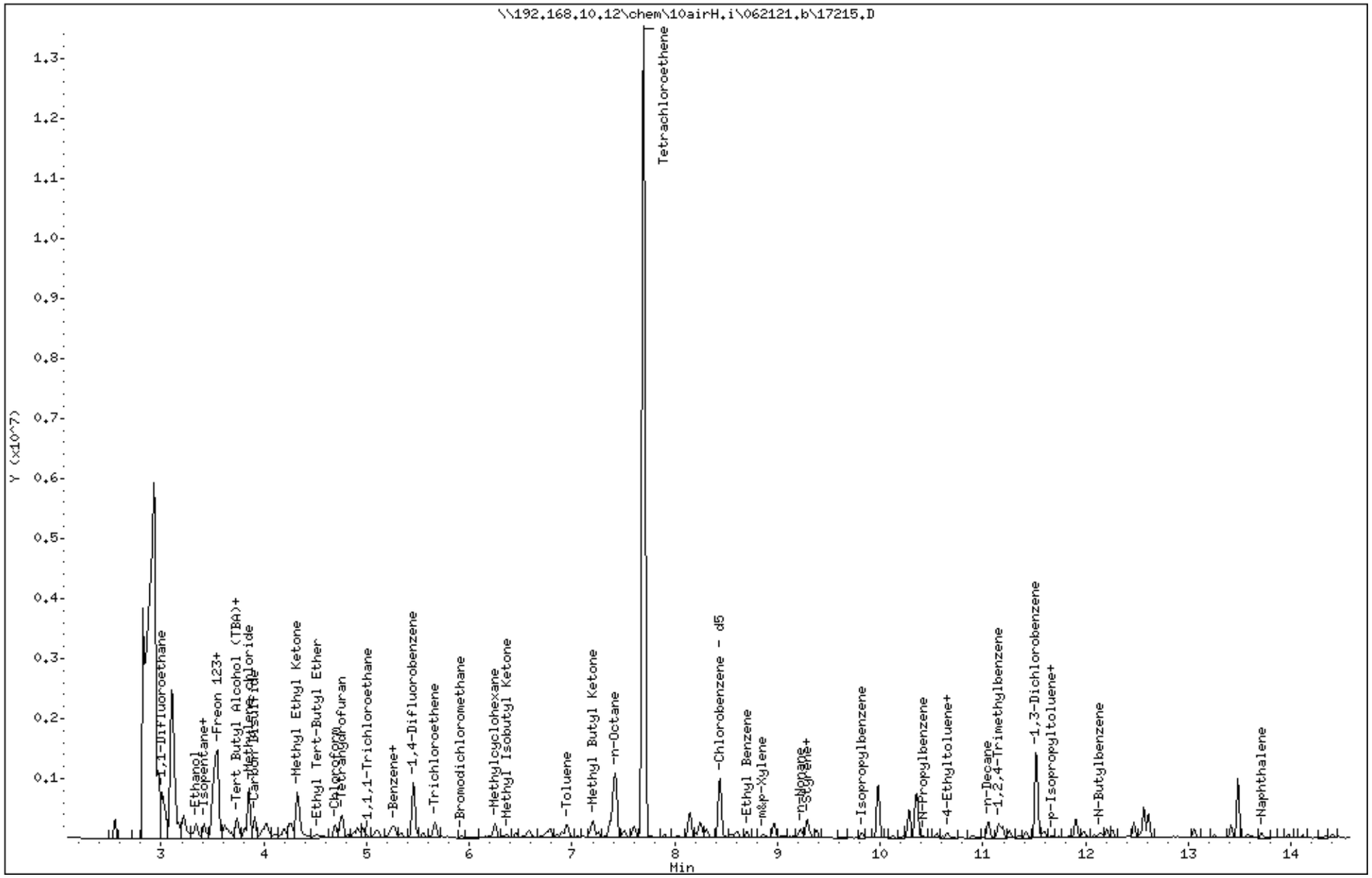
Data File: \\192.168.10.12\chem\10airH.i\062121.b\17215.D
Date : 21-JUN-2021 20:04
Client ID:
Sample Info:

Instrument: 10airH.i

Operator: AFV

Column phase: ZB-5MSplus SN338857

Column diameter: 0.32



Data File: \\192.168.10.12\chem\10airK.i\062321.b\17426.D
Report Date: 24-Jun-2021 13:44

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10airK.i\062321.b\17426.D
Lab Smp Id: 10565641005
Inj Date : 24-JUN-2021 01:52
Operator : GT Inst ID: 10airK.i
Smp Info :
Misc Info : 39681
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10airK.i\062321.b\TO15_173-21.m
Meth Date : 24-Jun-2021 09:25 10airK.i Quant Type: ISTD
Cal Date : 22-JUN-2021 13:46 Cal File: 17312.D
Als bottle: 1
Dil Factor: 57.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 10MNAIRWKS10

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\192.168.10.12\chem\10airK.i\062321.b\17426.D
Report Date: 24-Jun-2021 13:44

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

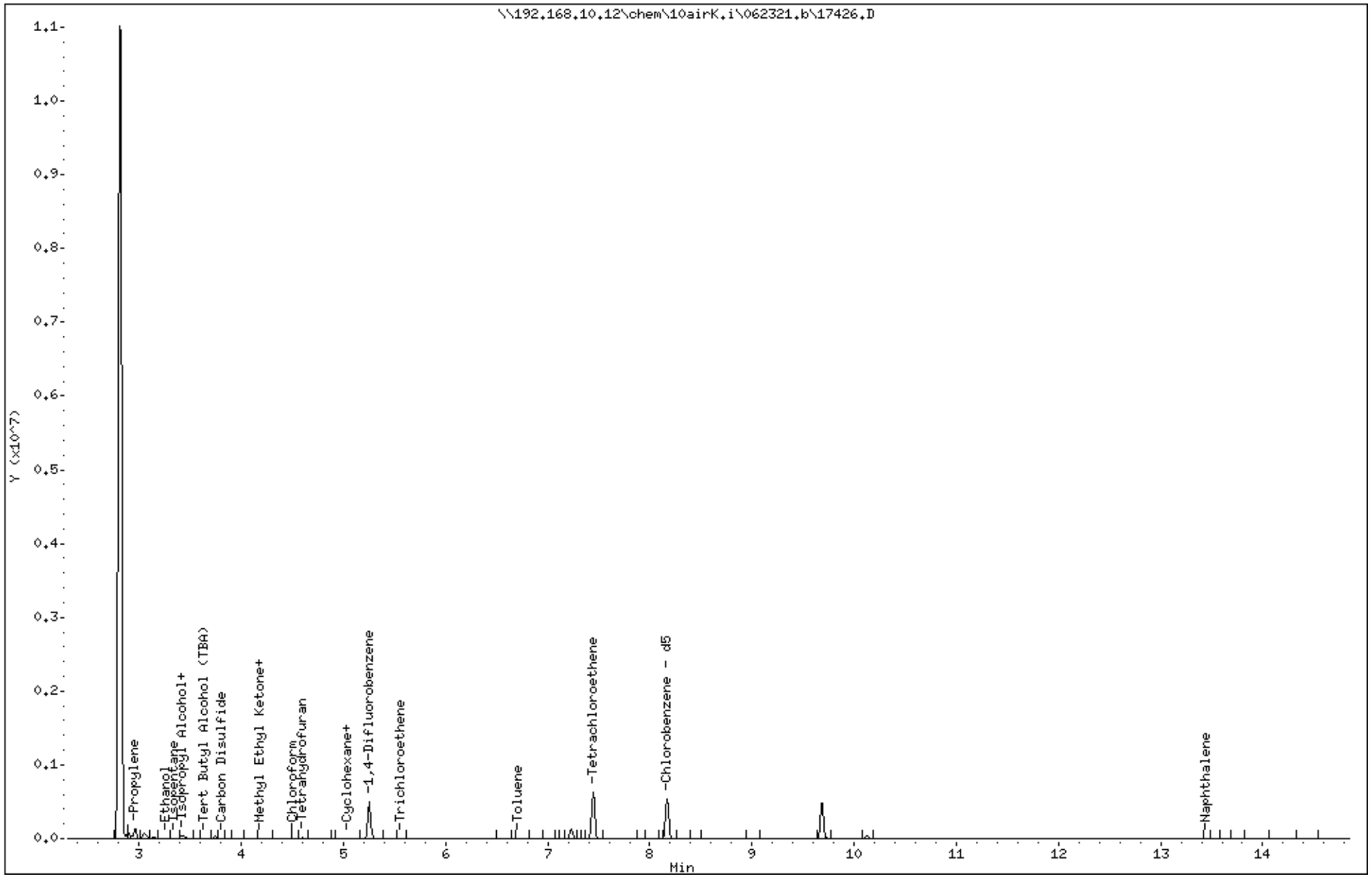
Client Name: Client SDG: 062321.b
Lab Smp Id: 10565641005
Operator : GT Sample Date:
Sample Location: Sample Point:
Sample Matrix: AIR Date Received:
Analysis Type: VOA Level: LOW
Inj Date: 24-JUN-2021 01:52

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\192.168.10.12\chem\10airK.i\062321.b\17426.D
Date : 24-JUN-2021 01:52
Client ID:
Sample Info:

Instrument: 10airK.i
Operator: GT
Column phase: ZB-5MSplus SN338857
Column diameter: 0.32



Data File: \\192.168.10.12\chem\10airK.i\062321.b\17425.D
Report Date: 24-Jun-2021 13:44

Pace Analytical Services, Inc.

TO15 Analysis (UNIX)

Data file : \\192.168.10.12\chem\10airK.i\062321.b\17425.D
Lab Smp Id: 10565641007
Inj Date : 24-JUN-2021 01:20
Operator : GT Inst ID: 10airK.i
Smp Info :
Misc Info : 39681
Comment : Volatile Organic COMPOUNDS in Air
Method : \\192.168.10.12\chem\10airK.i\062321.b\TO15_173-21.m
Meth Date : 24-Jun-2021 09:25 10airK.i Quant Type: ISTD
Cal Date : 22-JUN-2021 13:46 Cal File: 17312.D
Als bottle: 1
Dil Factor: 19.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 10MNAIRWKS10

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\192.168.10.12\chem\10airK.i\062321.b\17425.D
Report Date: 24-Jun-2021 13:44

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Client SDG: 062321.b
Lab Smp Id: 10565641007
Operator : GT
Sample Date:
Sample Location:
Sample Point:
Sample Matrix: AIR
Date Received:
Analysis Type: VOA
Level: LOW
Inj Date: 24-JUN-2021 01:20

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\192.168.10.12\chem\10airK.i\062321.b\17425.D
Date : 24-JUN-2021 01:20
Client ID:
Sample Info:

Instrument: 10airK.i

Operator: GT

Column phase: ZB-5MSplus SN338857

Column diameter: 0.32